REPORT ON THE 1996 EXPLORATION PROGRAM ON THE DOT PROPERTY

Nicola Mining Division
N.T.S. 92I/7W

Latitude: 50 deg 20 mins North
Longitude: 120 deg 51 mins West

By
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February 17, 1997

ASSESSMENT REPORT

ON THE

DOT COPPER PROPERTY

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1.0 SUMMARY AND CONCLUSIONS

The Dot project consists of 68 claim units comprising 1700 hectares, is located 15 km. southeast of the Highland Valley porphyry copper district in southern British Columbia. The Claims lie 25 km. northwest of Merritt B.C. at 50 deg 20 mins North latitude and 120 deg 51 mins west longitude, NTS 92I/7W (see figure 1 for location).

The property is underlain by the Guichon Batholith which is host to numerous porphyry copper deposits, including Lornex and Valley copper.

The copper mineralization lies within a north northwest trending zone of altered intrusive containing disseminated, fracture and vein controlled copper minerals. The mineralization occurs within an area which is approximately 600 meters wide and 1000 meters in length.

Alhambra Resources Ltd. may earn 51% interest in the Dot claims through an option agreement signed in May, 1996 with the owner of the claims, Larry Ovington.

Alhambra Resources Ltd. operated and funded the 1992 Exploration Program expending a total of $300,264.38 during the period of June to December 1996.

Alhambra Resources Ltd. undertook a program of drilling with the completion of 16 diamond drill holes totaling 3108.94 meters. The program tested the existing copper zone to the northwest and delineated a new zone to the southeast of the existing mineralization. All 16 drill holes intersected some degree of copper mineralization. Some of the most significant grade intercepts of the program include: 37.2 meters of 1.23% Cu in DDH 96C-03, 114.5 meters of .44% Cu in DDH 96C-05, 106.0 meters of .35% Cu in DDH 96C-06, 111.7 meters of .34% Cu in DDH 96C-11 and 119.8 meters of .58% Cu in DDH 96C-15.

The mineralization in the Northwest Zone has been traced for a minimum strike length of 270 meters, a depth of 100 meters to a width of 55 meters (Zappa Resources Ltd. 1992). Drilling has indicated that a preliminary geological resource of 2.93 million tonnes grading 0.5% Cu is contained within the Northwest Zone. Diamond drill hole 96C-01 which is located along strike to the Northwest of the existing mineralization, shows the zone is still open in this direction.

The Southeast Zone was discovered in 1996. The copper mineralization in this zone can be traced for a strike length of 500 meters and is open at depth and along strike to the Southeast.

The mineralization is structurally controlled and hosted in an intensely altered Granodiorite. Principal metallic minerals are Bornite, Chalcopyrite, Gold, Silver and Molybdenum with occasional occurrences of Native Copper.

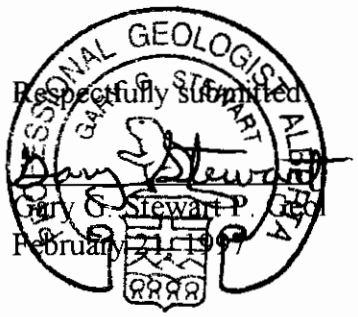
Alteration patterns within the Southeast Zone appear to be similar to the other Highland Valley type copper deposits. Strong potassic alteration occurs throughout this zone with partially overlapping and pervasive argillic alteration. Bornite is the predominate copper mineral and appears to occur in the potassic altered zones with Chalcopyrite extending locally into the argillic alteration.

Metallic mineral zoning in the Highland Valley deposits is well developed. This is typically, Bornite in the central part of the deposit, zoning outward to Chalcopyrite and a fringing pyrite dominated outer zone. If the same zoning pattern holds true for the Dot property, the Bornite dominate Southeast Zone, could be the center of a much larger mineralized area.

Significant amounts of Gold and Silver are also present and appear to increase in concentration along strike to the southeast, toward the contact between the Guichon creek Bathlolith and the Nicola group country rocks.

Significant percentages of Molybdenum up to 0.02%, occur in drill holes 96C-11 and 0.01% in 96C-14. These are the deepest holes on the property and intersected the Molybdenum mineralization at depth.

Further exploration is scheduled for the spring of 1997. This program will include surface mapping, geophysical surveys and Diamond drilling to better define the Southeast zone and delineate new zones of mineralization.



Respectfully submitted

Gary G. Stewart P. Geol

February 21, 1997

2.0 INTRODUCTION

The 1996 Dot Exploration Program focused on finding new mineralized zones within the Dot Claim group, other then the previously discovered copper zones delineated by Zappa Resources Ltd in 1992. The program was funded and operated by Alhambra Resources Ltd. The Diamond Drilling program was conducted from June to November of 1996.

2.1 LOCATION AND ACCESS

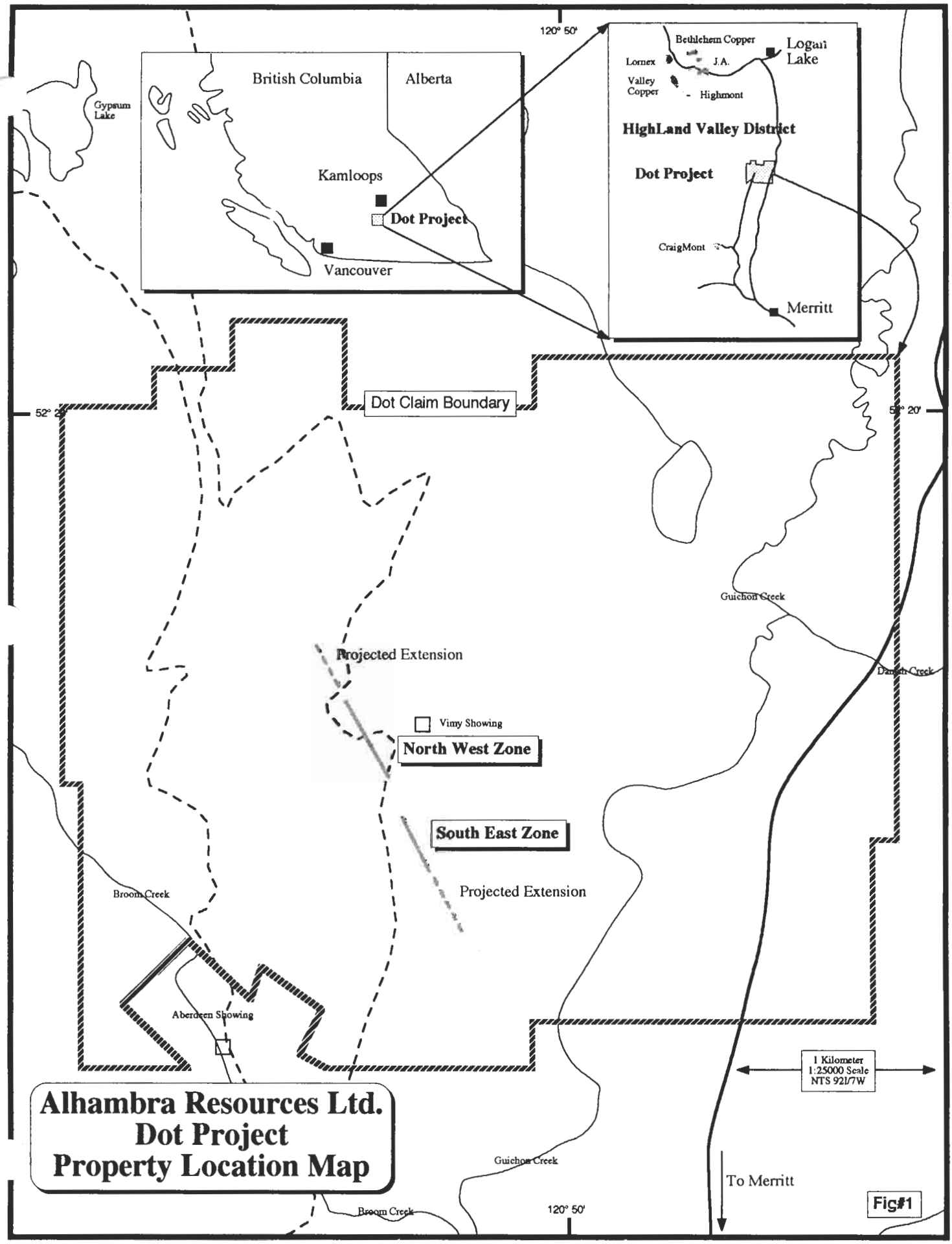
The Dot Property is located in south central British Columbia, approximately 25 kilometers northwest of Merritt, B.C., latitude 50 deg 20 mins, longitude 120 deg 51 mins, NTS 92I/7W. Access is via highway #8, 7 kilometers northwesterly from Merritt to lower Nicola, then by good pavement 6 kilometers northerly to the Craigmont Mine site, at which point the "Aberdeen Mine Road" gives way to an upgraded gravel road. At kilometer "marker 7" northwest from Craigmont, access to claims is gained by traveling northerly an additional 5 kilometers via a unmaintained dirt road.

2.2 PHYSIOGRAPHY

The area of drilling on the Southeast Zone is centered on a rather flat bench in a logged over area. Elevations in this area range from 1000 meters in the southern portion of the property to 1375 meters at the northern end of the Claim group. The majority of the property is overburden cover terrain with scattered outcrops of Granodiorite exposed to the north and west of the property. An esker ridge located north of the drill area gives local relief of 10-15 meters. A tributary to Broom creek traverses the southwestern portion of the claims.

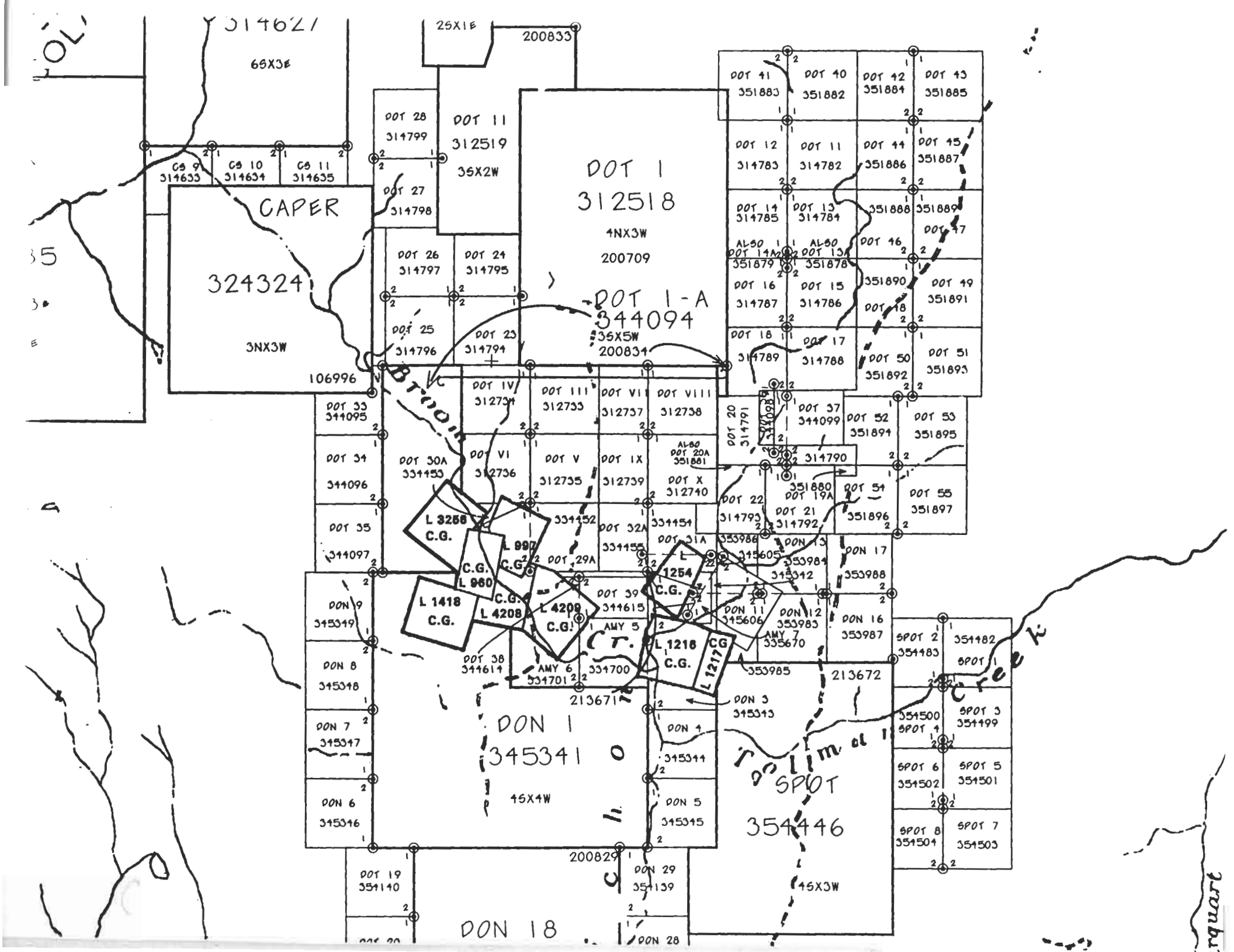
2.3 CLAIM STATUS

The Dot Property consists of 52 mineral claims, the Dot I to X claims and Dot 11 to Dot 28 claims, Dot claims 29A, 30A, 31A, 32A, 13A, 14A, 19A, 20A and Dot 40 to Dot 55 claims comprising a total of 68 units. The Claims are currently free and clear of all liens and held in good standing. The Registered owner of the claims is Larry Ovington of Kamloops, B.C.. Refer to table I for the record numbers and specific expiry dates.



Alhambra Resources Ltd.
Dot Project
Property Location Map

Fig#1


314627
65X3E
25X1E
200833
DOT 28
314799
DOT 11
312519
35X2W
DOT 1
312518
4NX3W
200709
DOT 1-A
344094
35X5W
200834
CAPER
324324
3NX3W
DOT 27
314798
DOT 26
314797
DOT 24
314795
DOT 25
314796
DOT 23
314794
CG 9
314633
CG 10
314634
CG 11
314635
106996
DOT 41
351883
DOT 40
351882
DOT 42
351884
DOT 43
351885
DOT 12
314783
DOT 11
314782
DOT 44
351886
DOT 45
351887
DOT 14
314785
DOT 13
314784
351888
351889
DOT 47
ALSO DOT 14A
351879
ALSO DOT 13A
351878
DOT 46
DOT 16
314787
DOT 15
314786
351890
DOT 18
DOT 49
351891
DOT 18
314789
DOT 17
314788
DOT 50
351892
DOT 51
351893
DOT 20
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DOT 37
344099
DOT 52
351894
DOT 53
351895
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DOT 33
344095
DOT IV
312734
DOT III
312733
DOT VII
312737
DOT VIII
312738
DOT 34
344096
DOT 30A
334150
DOT VI
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DOT V
312735
DOT IX
312739
ALSO DOT 20A
351881
DOT X
312740
351880
DOT 19A
DOT 54
DOT 55
351897
DOT 22
314793
DOT 21
314792
351896
DOT 35
344097
L 3256
C.G.
334152
DOT 32A
334151
DOT 31A
353986
L 960
C.G.
L 997
C.G.
DOT 29A
L 1418
C.G.
L 4208
C.G.
L 4209
C.G.
DON 9
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DOT 39
344615
AMY 5
L 1254
C.G.
DON 13
345605
353984
345342
DON 17
353988
DON 11
345606
DON 12
353983
AMY 7
335670
DON 16
353987
DOT 38
344614
AMY 6
334701
334700
L 1216
C.G.
CG
L 1217
353985
213672
213671
DON 8
345348
DON 3
345343
SPOT 2
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354482
SPOT 1
DON 7
345347
DON 1
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DON 4
345344
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SPOT 4
SPOT 3
351499
SPOT 6
351502
SPOT 5
351501
DON 6
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DON 5
345345
SPOT
354446
46X3W
SPOT 8
351504
SPOT 7
351503
200829
DOT 19
351140
DON 29
351139
DON 18
DON 28

MINERAL CLAIM STATUS - DOT PROPERTY

Claim Name	No of Units	Record No:	Expiry Date
DOT I	12 (4NX3W)	312518	August 16, 2007
DOT II	6 (3SX2W)	312519	August 18, 2007
DOTIII	1 (2 Post)	312733	August 24, 2007
DOT IV	1 (")	312734	"
DOT V	1 (")	312735	"
DOT VI	1 (")	312736	"
DOT VII	1 (")	312737	August 31, 2007
DOT VIII	1 (")	312738	"
DOT IX	1 (")	312739	"
DOT X	1 (")	312740	"
DOT 11	1 (")	314782	November 17, 1999
DOT 12	1 (")	314783	"
DOT 13	1 (")	314784	"
DOT 14	1 (")	314785	"
DOT 15	1 (")	314786	"
DOT 16	1 (")	314787	"
DOT 17	1 (")	314788	November 18, 1999
DOT 18	1 (")	314789	"
DOT 19	1 (")	314790	"
DOT 20	1 (")	314791	"
DOT 21	1 (")	314792	"
DOT 22	1 (")	314793	"
DOT 23	1 (")	314794	November 17, 1999
DOT 24	1 (")	314795	"
DOT 25	1 (")	314796	"
DOT 26	1 (")	314797	"
DOT 27	1 (")	314798	November 18, 1999
DOT 28	1 (")	314799	"
DOT 29A	1 (")	334452	March 27, 2007
DOT 30A	1 (")	334453	"
DOT 31A	1 (")	334454	"
DOT 32A	1 (")	334455	"
DOT 13A	1 (")	351878	October 05, 2007
DOT 14A	1 (")	351879	"
DOT 19A	1 (")	351880	"
DOT 20A	1 (")	351881	"
DOT 40	1 (")	351882	October 09, 2007
DOT 41	1 (")	351883	"
DOT 42	1 (")	351884	"
DOT 43	1 (")	351885	"
DOT 44	1 (")	351886	October 19, 2007
DOT 45	1 (")	351887	"
DOT 46	1 (")	351888	"
DOT 47	1 (")	351889	"
DOT 48	1 (")	351890	"
DOT 49	1 (")	351891	"
DOT 50	1 (")	351892	"
DOT 51	1 (")	351893	"

Table I

MINERAL CLAIM STATUS - DOT PROPERTY

Claim Name	No of Units	Record No:	Expiry Date
DOT 52	1 (")	351894	October 17, 2007
DOT 53	1 (")	351895	"
DOT 54	1 (")	351896	"
DOT 55	1 (")	351897	"

Table I

2.4 HISTORY

Two old mine workings, the Aberdeen and Vimy are located within the Dot property claim groups. Approximately 111,709 Kg of Copper, 24,321 grams of Silver and 280 grams of Gold were recovered from the Aberdeen, with the Vimy producing 8,409 Kg of Copper and 1,866 grams of silver. The Vimy workings are adjacent to the area drilled on the Northwest zone. During 1956-57 Kennco Exploration completed various surveys including trenching and 3,652 meters of drilling in 30 holes.

From 1965 to 1981 exploration programs were completed on prior claims which are now covered by the present Dot property. This work is summarized below:

1. 1960-67 Chattaway - line cutting, trenching, approximately 50 diamond drill holes (3,658m)

2. 1960-67 Bralorne - Pioneer Mines - line cutting and magnetic surveys, trenching, geochemical surveys, 7 diamond drill holes (341 meters) and 20 percussion drill holes.

3. 1970 Asarco - trenching, 148 percussion holes (5,166m on a 610m grid)

4. 1972 Aselo Industries - Induced Polarization survey.

5. 1979-81 Lawrence Mining - Induced Polarization survey, 30 diamond drill holes (5,387m) and 30 percussion holes (2,288m)

6. 1982 Lawernce Mining - 3 diamond drill holes of which the location, results and total meterage is unknown.

7. 1992 Zappa Resources Ltd. - 6 reverse circulation drill holes totaling 638.5m.

Drilling prior to 1996 indicated that 2.93 millions tonnes grading 0.5% copper existed within the Northwest zone on the Dot property.
(Northwest zone previously known as the Main copper zone outlined in a report completed for Zappa Resources Ltd. 1993)

2.5 1996 EXPLORATION PROGRAM

A total of 16 diamond drill holes in 3108.94 meters were completed on the Dot property from June to November 1996. Drill hole 96C-01 was drilled northwest of the previous mineralized zone outlined by Zappa Resources Ltd to try and extend the zone in that direction. Drill hole 96C-02 was confined to the previously known copper mineralization and was designed to confirm the continuity and grade of previously reported copper intersections. Diamond drill hole 96C-03 was drilled southeast of the existing mineralization to explore for new zones within the claim block. Drill holes 96C-04 to 96C-16 were drilled along strike to the southeast to delineate the new mineralization discovery in 96C-03.

3.0 PROPERTY GEOLOGY

The Dot property is located within the eastern portion of the upper Triassic Guichon Creek Batholith. The property in underlain by the Guichon variety Highland valley phase intrusive rock, comprised of fine to medium grained hornblende monzodiorite to granodiorite. Outcrops of a coarser grained granodiorite possibly Chataway variety and younger porphyry intrusives are also noted in the literature.

4.0 MINERALIZATION, ALTERATION AND STRUCTURE

The mineralization is found in a north northwest trending structural zone of altered granodiorite containing disseminated, fracture controlled and vein hosted Bornite, Chalcopyrite, Gold, Silver, Molybdenum and Native Copper. Bornite is the predominate copper mineral with minor amounts of Chalcopyrite. The Gold and Silver appear to be associated with the copper sulphide mineralization and not free Gold or Silver. Gold concentrations appear to increase along strike to the southeast. Molybdenum mineralization is fracture controlled and does not appear to be associated with the copper sulphide minerals. Drill holes 96C-11 and 96C-14 are the deepest holes on the property and intersect the molybdenum mineralization in steeply dipping veins at depth. Native Copper occurs as thin platy fracture fillings and in quartz veins. Native copper occurring in quartz veins may be either remobilized or related to a second phase of mineralization.

Strong potassic alteration occurs throughout this zone with partially overlapping and pervasive argillic alteration. Bornite occurs in the potassic altered zones with Chalcopyrite extending into the argillic alteration. Potassic alteration is the most wide spread and could be more closely related to the emplacement of an Aplite Dike which subcrops below the mineralized zone then to the mineralization. Potassic alteration also appears vein controlled and radiates out from fractures. Argillic alteration is fracture controlled with the most intense alteration occurring along fractures, faults and highly brecciated zones. Sericite alteration ranges from thin coatings on fractures to replacement of whole feldspar grains adjacent to the fractures. Chlorite vein alteration coats fracture planes, forms veinlets and replaces mafic minerals.

Copper mineralization on the Dot property is fracture controlled and either in or closely associated with veins, faults or breccia zones. The better grades appear where the fracture density is high or where different sets of fractures overlap. The mineralization in the Northwest and Southeast zones is controlled by a major Northwest trending fault. A major fault running Northeast has offset the Northwest and Southeast zones. The mineralization in drill hole 96C-08 is offset to the east, with a noticeable difference in overburden, 19.5m in 96C-08 as compared to 33.4m in 96C-13. Drill hole 96C-13 was drilled west, along strike of this fault and intersected numerous brecciated sections of core and intense argillic alteration. The mineralized zone is steeply dipping and appears to vary, from slightly east in the Northwest zone to westerly in the Southeast zone as indicated by drill holes 96C-10 and 96C-11. Cross faults are believed to control the width of the mineralization and is responsible for the pinching and swelling of the mineralized zone, as seen on the plan view map. Due to the orientation of the drill holes, these cross faults have yet to be defined.

DOT PROPERTY ASSAY RESULTS

DDH#	FROM (m)	TO (m)	INTV. (m)	INTV. (ft)	Cu (%)	Ag (g/t)	Au (g/t)	Mo (%)
96C-01	18.0	49.0	31.0	101.7	0.26	N/A	N/A	N/A
96C-02								
96C-03	29.0	66.2	37.2	123.0	1.23	5.55	0.10	0.00
96C-04	36.0	43.0	7.0	23.1	0.85	3.51	0.05	0.00
	65.2	130.0	64.8	214.2	0.25	1.54	0.05	0.01
96C-05	72.3	139.5	67.2	222.2	0.61	3.73	0.04	0.00
96C-06	42.0	68.0	26.0	86.0	0.92	7.93	0.02	0.00
96C-07	145.0	186.6	41.6	137.5	0.40	4.38	0.04	0.00
96C-08	52.0	73.0	21.0	69.4	0.14	0.93	0.06	0.00
96C-09	82.0	154.0	72.0	238.0	0.41	2.56	0.04	0.00
96C-10	84.4	182.4	98.0	324.0	0.56	4.06	0.06	0.00
96C-11	108.8	135.2	26.4	87.3	0.36	2.61	0.04	0.00
	166.7	220.5	53.8	177.9	0.49	3.36	0.07	0.04
96C-12	95.6	130.6	35.0	115.7	0.24	1.22	0.02	0.00
	214.6	221.6	7.0	23.1	0.65	5.23	0.06	0.00
96C-13	31.7	43.7	12.0	39.7	0.47	2.55	0.03	0.01
96C-14	138.4	165.4	27.0	89.3	0.31	2.38	0.03	0.01
	213.4	219.4	6.0	19.8	0.49	2.30	0.03	0.00
96C-15	101.7	221.6	119.9	396.3	0.58	4.03	0.05	0.00
96C-16	64.6	126.6	42.0	138.9	0.30	3.00	0.12	0.00
N/A (not assayed)								
92C-02 no significant copper values were recorded								

TABLE II

DRILL HOLE TECHNICAL DATA

DDH NO:	EASTING (m)	NORTHING (m)	DIP DEGREES	AZIMUTH DEGREES	TOTAL LENGTH	HORZ PROJ (m)	VERTICAL PROJ (m)	CORE SIZE
96C-01	4698	5726	-51	52	70.10	44.11	54.47	NQ
96C-02	4797	5719	-50	223	77.72	49.95	59.53	NQ
96C-03	5093	5223	-51	240	91.75	57.74	71.30	NQ
96C-04	5117	5232	-57	240	145.09	79.02	121.68	NQ
96C-05	5094	5263	-55	247	163.07	93.53	133.57	NQ
96C-06	4988	5228	-49	73	194.16	127.38	146.53	NQ
96C-07	5016	5115	-49	62	202.69	132.97	152.97	NQ
96C-08	5096	5359	-50	246	176.48	113.43	135.19	NQ
96C-09	5072	5076	-50	55	160.63	103.25	123.04	NQ
96C-10	5083	5043	-47	55	271.27	185.00	198.39	NQ
96C-11	5083	5043	-60	55	325.22	162.61	281.64	NQ
96C-12	5079	4995	-55	55	325.22	186.53	166.40	NQ
96C-13	5032	5269	-45	235	239.87	169.61	169.61	NQ
96C-14	5201	5196	-60	235	243.84	121.92	211.17	NQ
96C-15	5131	4954	-45	55	221.58	156.68	156.68	NQ
96C-16	5221	4881	-45	55	200.25	141.59	141.59	NQ

TABLE III

5.0 DIAMOND DRILLING PROGRAM (1996) RESULTS

A summary of the 16 hole program is given below:

Drill Hole DDH 96C-01 was drilled along strike to the northwest of the known copper mineralization (refer to figures 3 for location and figure 5 for sectional views) to test the north extension of this zone. This drill hole intersected potassic and localized argillic altered Granodiorite throughout. A fault occurred between 8.2m and 9.6m and was noted by the light colored clay content. An Aplite Dike subcropped between 67.0m and 69.8m and consisted of fine grained quartz and feldspar. Bornite with occasional Native copper give this hole an average grade of 0.26% Cu over 31.0m.

Drill Hole DDH 96C-02 was drilled approximately 100m east of DDH 96C-01 on a azimuth of 223 degrees (refer to figure 3 for location and figure 6 for sectional views). This hole was drilled in an fractured granodiorite with strong argillic alteration. This hole was stopped short of the mineralized trend and no grades of copper mineralization was intersected. Significant occurrences of Native Copper were noted from 45.9m to 47.2m with a strong bornite showing at the bottom of the core.

Drill Hole DDH 96C-03 was drilled approximately 300m southeast of the existing mineralization (refer to figure 4 for location and figure 7 for sectional views) to test the southern extension of this zone. This hole collared in mineralization grading 2.63% Cu over 15m, starting at a depth of 29.0m. Granodiorite with potassic alteration was the only lithology encountered in this hole. Massive specular hematite along with abundant bornite and chalcopyrite were the dominated sulphide minerals and resulted in an overall grade of 1.23% Cu over 37.2m. Gold and Silver concentrations averaged 0.10 (g/t) Au and 5.55 (g/t) Ag over this same interval.

Drill Hole DDH 96C-04 Since 96C-03 collared in mineralization DDH 96C-04 was drilled 9m north an 24m east of the previous location (refer to figure 4 for location and figure 8 for sectional views). This was to test the width of the mineralized zone and undercut the mineralization discovered in DDH 96C-03. The main copper minerals were bornite and chalcopyrite with possible chalcocite. Average grade for this hole is 0.25% Cu over 94.0m. The zone is contained within a potassic altered granodiorite with faults occurring at 48.4m, 53.6m to 88.2m, 109.1m and ending in a fault at 137.6m.

Drill Hole DDH 96C-05 was collared 31 metres north of DDH 96C-04 (refer to figure 4 for location and figure 9 for sectional view) to try and find continuity between the two mineralized zones. This drill hole intersected potassic alteration and mineralization soon after entering bedrock. To establish the true width of the mineralized zone 96C-05 should have been collared further east. This new location would intersected the propylitic zone before entering the Potassic and argillic zones and give a true width to the mineralization. Numerous fault zones and two intrusive Dikes were intersected while drilling this hole. Molybdenum was first logged in this hole and occurs in a fracture within an Aplite Dike which subcrops at this location. Average grades for this hole is 0.44% Cu over 112.5m.

Drill Hole DDH 96C-06 was drilled 106m west of the previous location.(refer to figure 4 for location and figure 10 for sectional view) This was to create a cross sectional view of the mineralization and give information about the orientation and structure of the mineralization and faulting. The copper mineralization occurs in a intensely altered granodiorite. The high density of fractures created pathways for the mineralization and explains the length of the copper intersection. Average grades for 96C-06 was 0.35% Cu over 109.0m.

Drill Hole DDH 96C-07 was drilled 108m south and 77m west of DDH 96C-03 (refer to figure 4 for location and figure 11 for sectional view) along strike to the Southeast. This was to delineate the length and strike of the new mineralized zone. Extensive faulting was noted in the core with intense potassic and argillic alteration of the granodiorite host rock. Two distinct zones of mineralization occur, 52.0m to 60.8m (8.8m grading 0.22% Cu) and 145.0m to 186.6m (41.6m grading 0.40% Cu). The change in width from the previous holes is believed to be caused by a cross fault with a northeast orientation. Because of the orientation of drilling, the cross fault pattern has not been established. The plan view (figure 4) shows the mineralization pinching and swelling as in DDH 96C-15. Cross faulting would explain this type of structural pattern.

Drill Hole DDH 96C-08 was collared 96m north of 96C-05 (refer to figure 4 for location and figure 12 for sectional view). This was to try and find the mineralization that would connect the two zones. This hole was important because it starts to establish the basis of a major northeast trending fault pattern. The mineralization in 96C-08 is offset to the east and the depth of overburden changes from 33.4m in 96C-13 to 9.5m in this hole. The mineralization is hosted in potassic altered granodiorite. This hole ended in an Aplite dike which appears to intrude the mineralized zone at depth. Average grades for this hole is 0.14% Cu over 21m.

Drill Hole DDH 96C-09 was drilled along strike, 39m southeast of 96C-07 (refer to figure 4 for location and figure 13 for sectional view). This was to further delineated the mineralization in this direction. The copper mineralization was hosted in a fractured granodiorite. Bornite is the dominate copper mineral with significant occurrences of molybdenum at the end of this hole. Molybdenum mineralization appears to be associated with emplacement of the Aplite dike and occurs when the drill holes come close to or intersects this intrusive. The copper mineralization occurs from 82.0m to 154.0m and the average grades for this interval are 0.41% Cu over 72.0m.

Drill Hole DDH 96C-10 was drilled along strike, 33m southeast of 96C-09 (refer to figure 4 for location and figure 14 for sectional view). Drill holes 96C-10 to 96C-16 were drilled to delineate the mineralized zone along strike to the southeast. The copper mineralization is hosted in strongly potassic altered granodiorite. Bornite is the dominate copper mineral with minor chalcopyrite. Gold and Silver values appear to increase toward the southeast. Average grade for Copper is 0.56% over 98.0m and occurs between 84.4m and 182.4m.

Drill Hole DDH 96C-11 was collared from the same drill site as 96C-10 (refer to figure 4 for location and figure 15 for sectional view). This hole was drilled at -60 degrees to undercut the mineralized zone intersected in 96C-10. This hole was important because it shows the mineralization and grade reported from 96C-10 continues at depth. When the cross sectional views of 96C-10 and 96C-11 are compared, the dip of the mineralization changes from slightly east as in drill holes 96C-03 and 96C-04 to slightly west. Molybdenum concentrations reached there highest level in this hole and lends support to the association of mineralization to the emplacement of the Aplite Dike which was subcrops from 230.7m to 245.0m. Two zones of copper mineralization occur, one from 108.8m to 135.2m and grades 0.36% over 26.4m and the second zone from 166.7m to 220.5m and grades 0.49% over 53.8m.

Drill Hole DDH 96C-12 was collared 48m south of drill hole 96C-11 (refer to figure 4 for location and figure 16 for sectional view). This hole has strong potassic with intense localized argillic alteration. The alteration pattern indicates that this hole intersected similar fractured zones as the previous hole, but does not carry the grades recorded in 96C-10 and 96C-11. The first mineralized zones in this hole occurs from 95.6m to 130.5m and grades 0.24% Cu over 35.0m. The second zone is from 214.6m to 221.6m and grades over 0.655 Cu over 7.0m. What appears to be significant is the amount of visible Native Copper which occurs along fractures at the bottom of this hole.

Drill Hole DDH 98C-13 was drilled 44m east and 41m north of 96C-06 (refer to figure 4 for location and figure 17 for sectional view). 96C-13 was drilled to delineate the western extension of the mineralization intersected in 96C-06. This hole was highly fractured with pervasive argillic alteration throughout. The extent of fracturing and alteration, suggest that this hole was drilled down the center of a large northeast trending fault, which was suspected in 96C-08. The copper mineralization occurs from 31.7m to 43.7m and grades 0.47% Cu over 7.0 meters. Drilling this fault zone in a northwest or southeast direction could delineate new mineralization associated with this fracture system.

Drill Hole DDH 96C-14 was drilled 120m north and 129m east of 96C-09 (refer to figure 4 for location and figure 18 for sectional view). This hole was drilled at -60 degrees to undercut the mineralization intersected in 96C-09. The location of this hole was off center to the north and did not parallel the azimuth of 96C-09. 96C-14 intersected the propylitic zone to the east of the mineralization and the main copper zone from 138.4m to 165.4m and averaged 0.31% Cu over 27.0m. A small zone from 213.4m to 219.4m averaged 0.49% Cu over 6.0m.

Drill Hole DDH 96C-15 was collared 41m south and 52m east of DDH 96C-12 (refer to figure 4 for location and figure 19 for sectional view). This hole has the highest concentration of extended copper mineralization within this zone. After drilling 96C-12 which intersected low copper values, this hole increased the copper sulphide potential of the Dot property and extended the mineralized zone in this direction. The mineralized section in this hole occurred from 101.7m to 221.6m and averaged 0.58% copper over 119.9m.

Drill Hole DDH 96C-16 was collared 73m south and 90m east of 96C-15 (refer to figure 4 for location and figure 20 for sectional view). This was the last hole drilled along strike to the southeast. 96C-16 collared in altered granodiorite and the drill site should have been located further west, to evaluate the width of the potassic and argillic altered zone. This drill hole shows that the copper mineralization within the Dot property is open in this direction. The average grade of copper is 0.30% over 42.0 meters. High grades of gold 3.24 (g/t) was noted in a one meter sample. Gold concentrations appear to increase in this direction, the closer this fault zone approaches the contact between the Guichon Creek Batholith and the Nicola volcanics.

6.0 SUMMARY OF EXPENDITURES, DOT PROPERTY

Exploration Function	Expenditure
Diamond Drilling	$186,562.09
Drilling Water	$3,960.00
Analysis - Assays	$25,126.00
Project Supervision	$20,171.61
Geological Supervision	$34,939.22
Core Splitting	$7,776.87
Core Storage	$2,400.00
Construction	$1,940.80
Core Racks	$1,467.25
Transportation & Hauling	$8,083.80
Subsistence	$1,427.46
Accommodations	$936.00
Survey Drill Hole Locations	$675.00
Drafting - Maps & Cross Sections	$1,050.00
Office Supplies	$333.80
Field Supplies	$545.37
Claim Staking (Dot property 20 units)	$1,487.50
Printing	$217.33
Courier Services	$59.02
Communications	$1,105.26
TOTAL: (No GST added)	$300,264.38

(for the period June 1, 1996 to December 31, 1996)

7.0 STATEMENT OF QUALIFICATIONS

I, Gary G Stewart of 17 Edgeview Rd N.W. Calgary Alberta do hereby certify that:

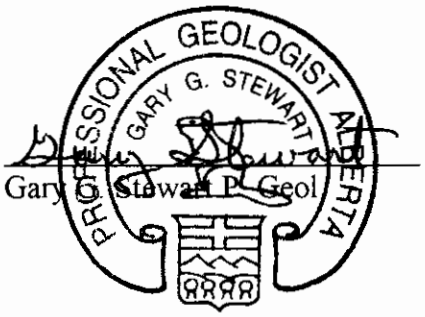
1. I am a graduate of the Acadia University with a B.Sc in geology, (1976) and presently employed by Alhambra Resources Ltd.

2. I am a registered Professional Geologist with the Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA) since 1985.

3. I have actively practiced my profession as a Geologist for the past 21 years.

4. I have personally supervised the fieldwork on the Dot property for Alhambra Resources Ltd. between October 25, 1996 until December 5, 1996.

5. This assessment report is based on a study of the field data and literature accumulated during the period from June 1996 until December 1996.



Gary G. Stewart P. Geol

8.0 REFERENCES

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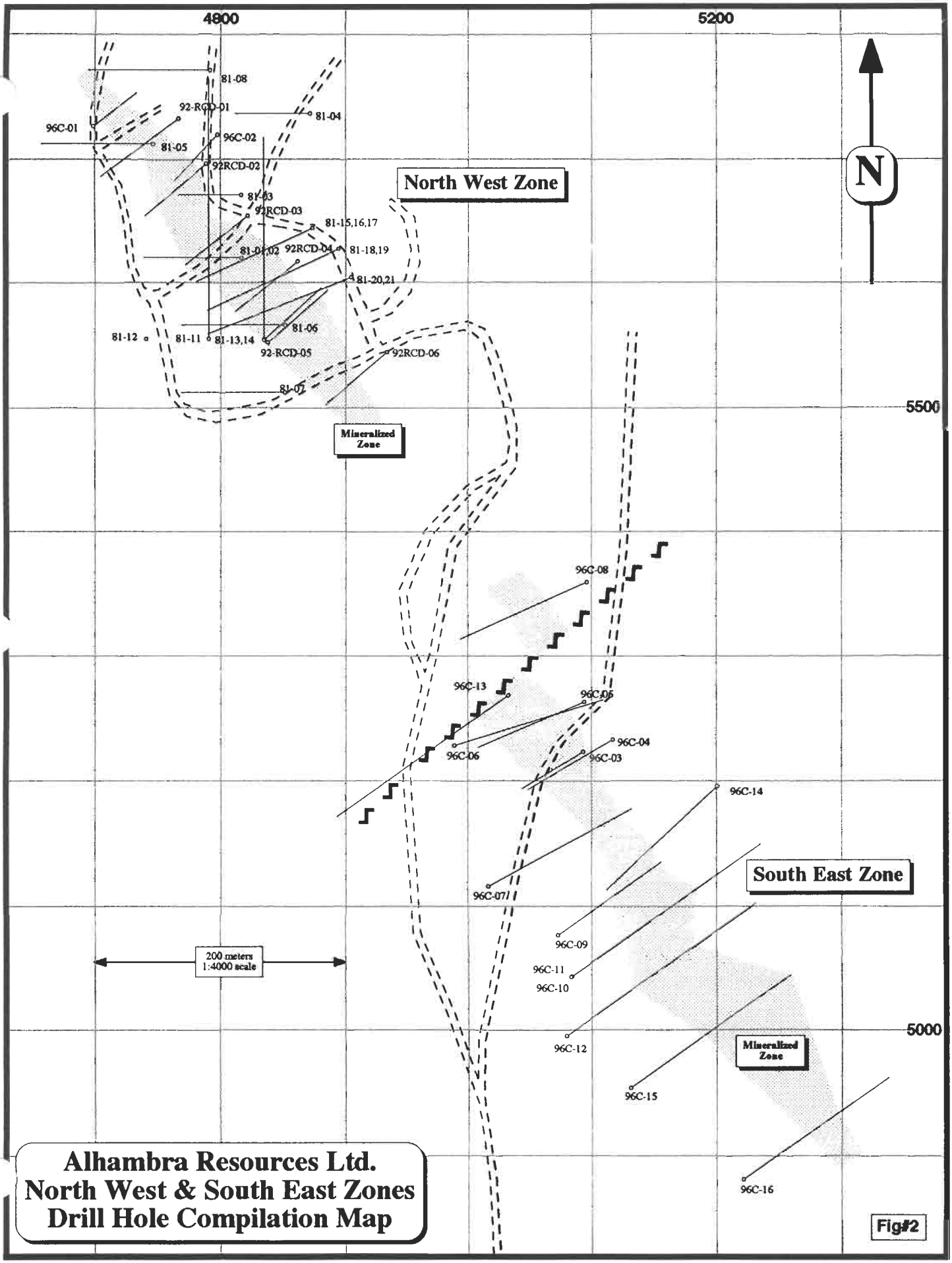
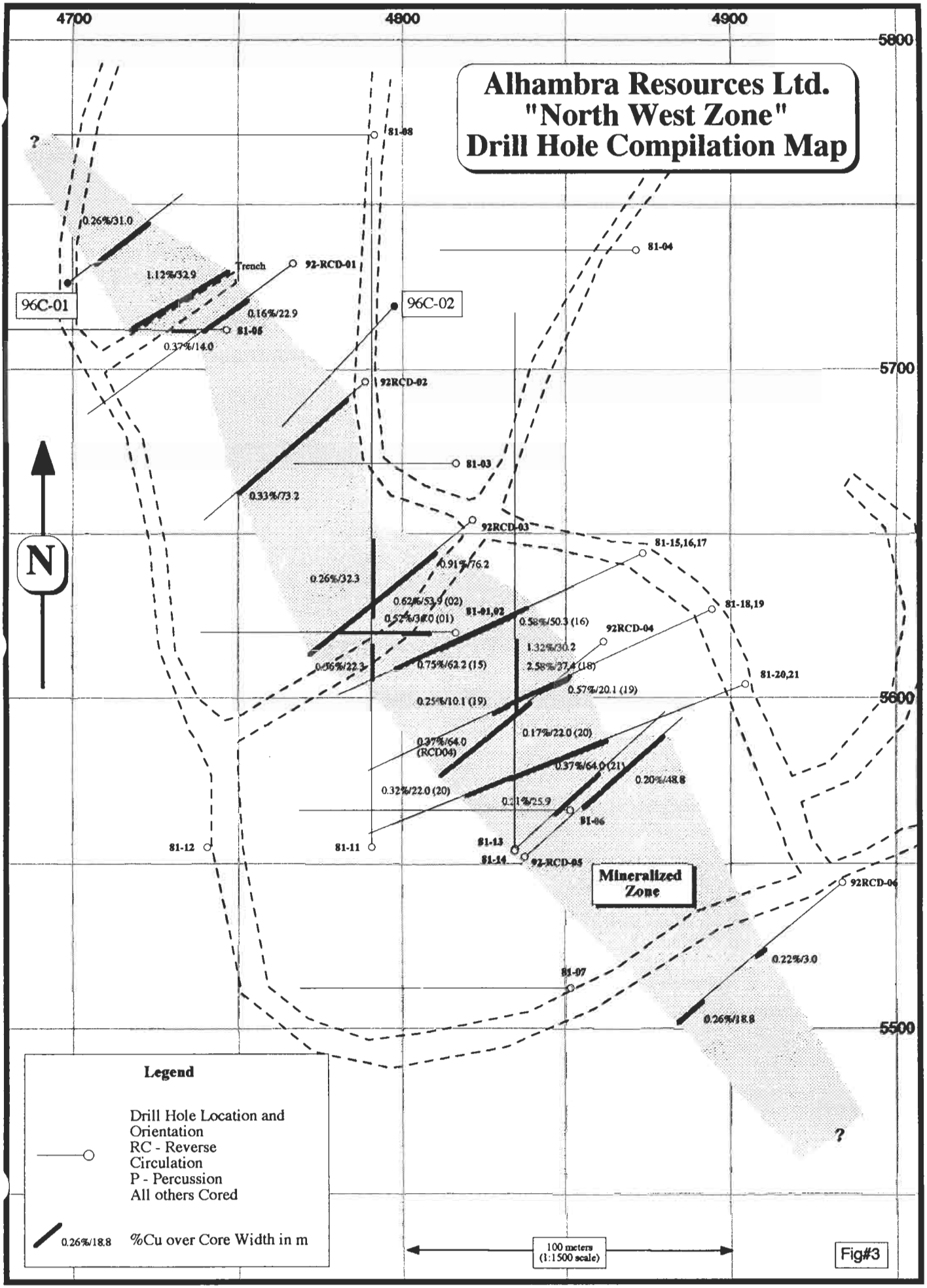
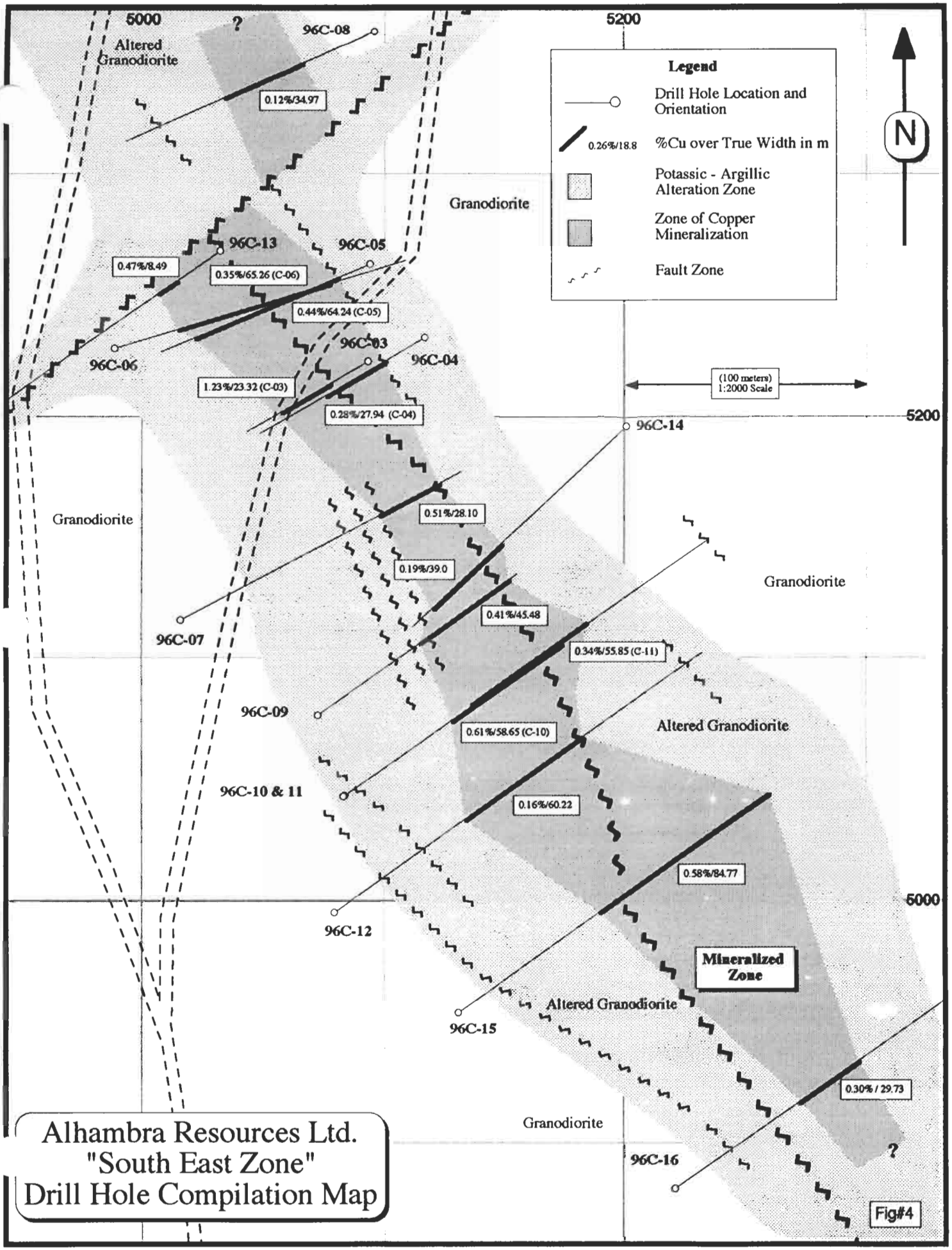
Wells, R. A., (1981): Assessment Report for the Vimy Property Mineral claims in the Nicola Mining Division, Percussion and Diamond Drilling reports, Assessment Report No. 9699.



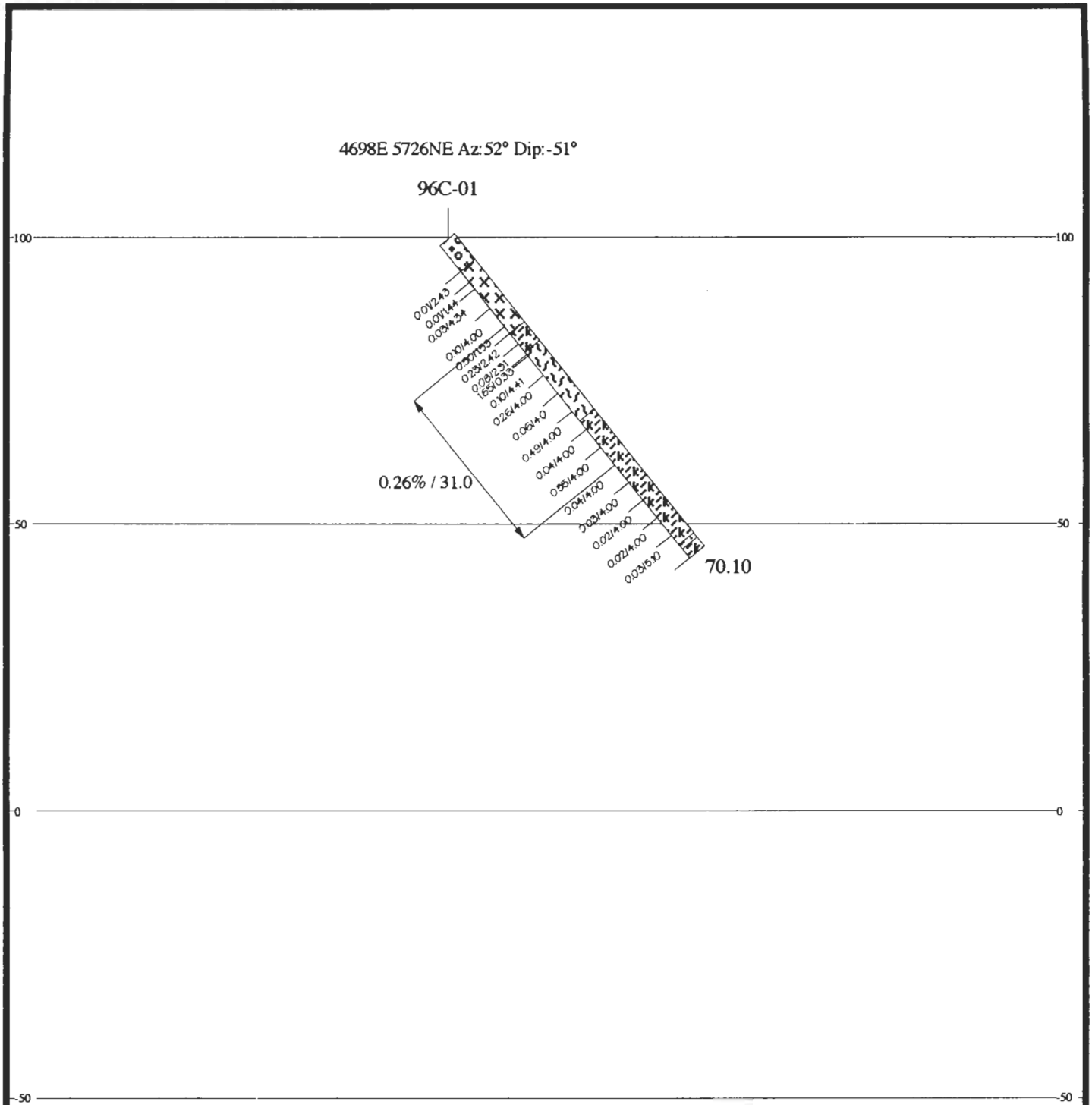
Alhambra Resources Ltd.
North West & South East Zones
Drill Hole Compilation Map

Fig#2


Alhambra Resources Ltd.
"North West Zone"
Drill Hole Compilation Map
4700
4800
4900
5800
5700
5600
5500
N
96C-01
96C-02
81-08
81-04
92-RCD-01
Trench
1.12%/32.9
0.26%/31.0
0.16%/22.9
81-05
0.37%/14.0
92RCD-02
81-03
0.33%/73.2
92RCD-03
81-15,16,17
0.91%/76.2
0.26%/32.3
0.62%/53.9 (02)
0.52%/38.0 (01)
81-01,02
0.58%/50.3 (16)
92RCD-04
81-18,19
1.32%/30.2
0.56%/22.3
0.75%/62.2 (15)
2.58%/27.4 (18)
81-20,21
0.57%/20.1 (19)
0.25%/10.1 (19)
0.17%/22.0 (20)
0.37%/64.0 (RCD04)
0.37%/64.0 (21)
0.20%/48.8
0.32%/22.0 (20)
0.21%/25.9
81-06
81-12
81-11
81-13
81-14
92-RCD-05
Mineralized Zone
92RCD-06
0.22%/3.0
81-07
0.26%/18.8
Legend
Drill Hole Location and Orientation
RC - Reverse Circulation
P - Percussion
All others Cored
0.26%/18.8 %Cu over Core Width in m
100 meters (1:1500 scale)
Fig#3



Alhambra Resources Ltd.
"South East Zone"
Drill Hole Compilation Map



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

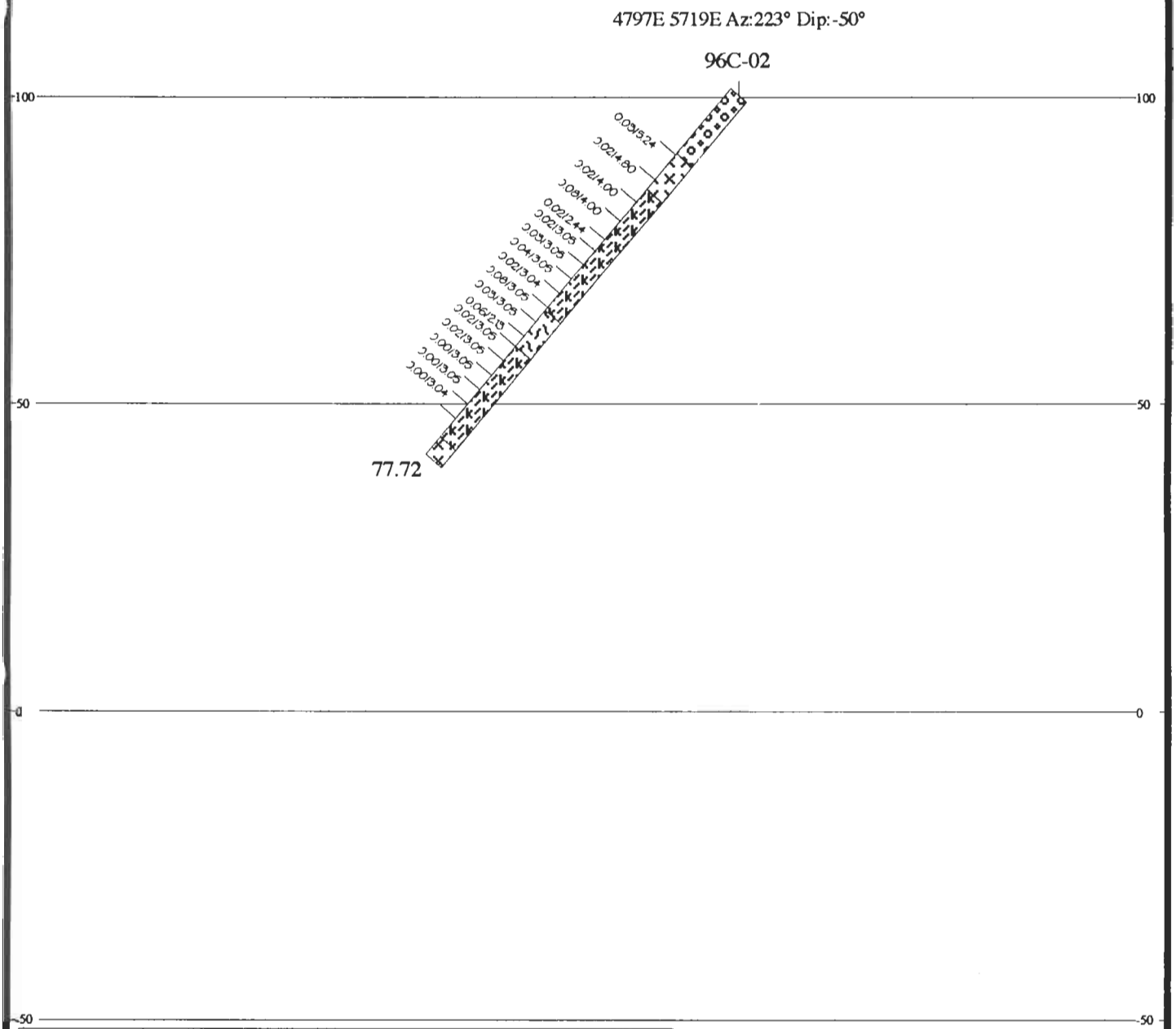
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-01

Fig#: 5	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

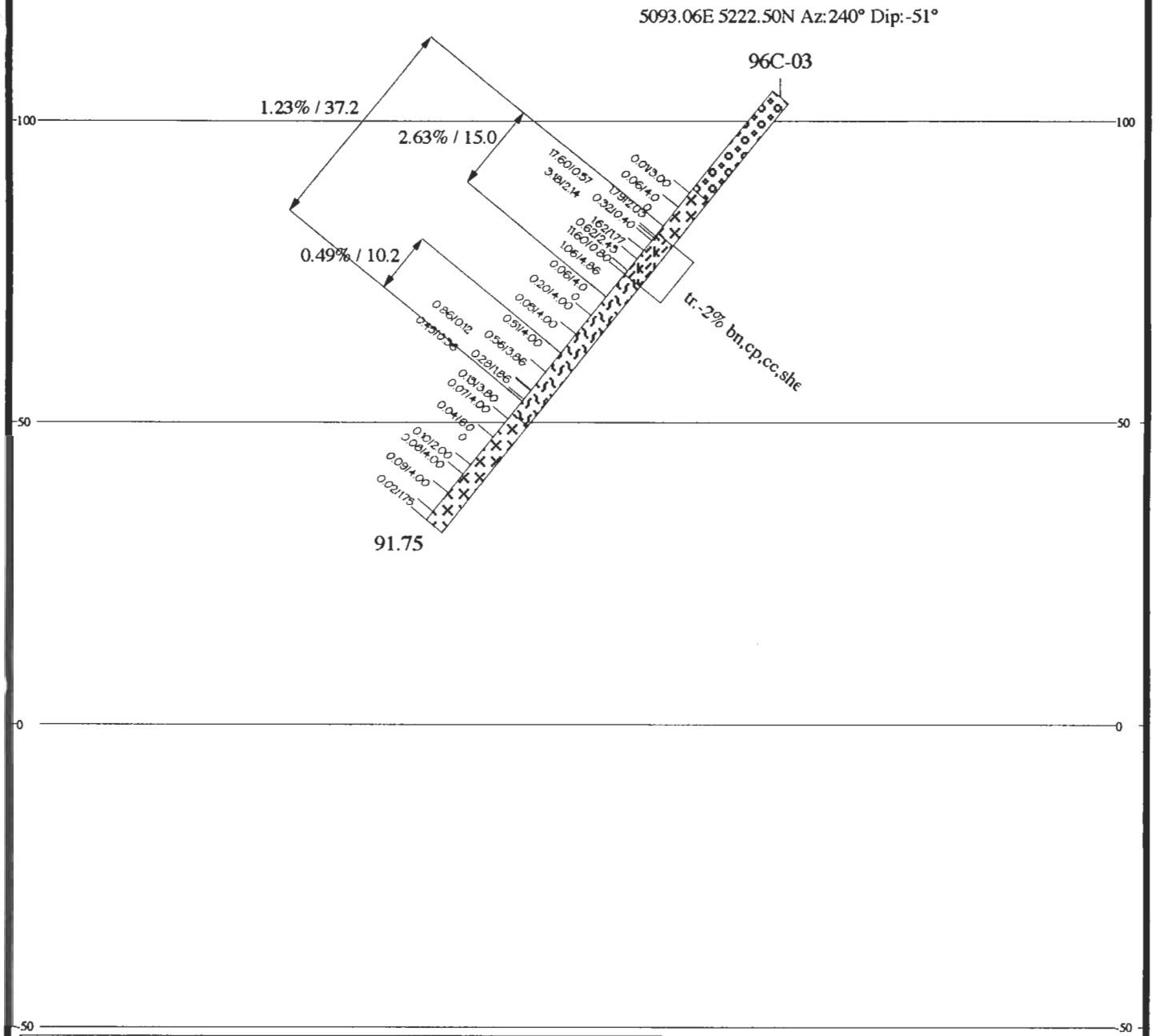
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-02

Fig#:6	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.003/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

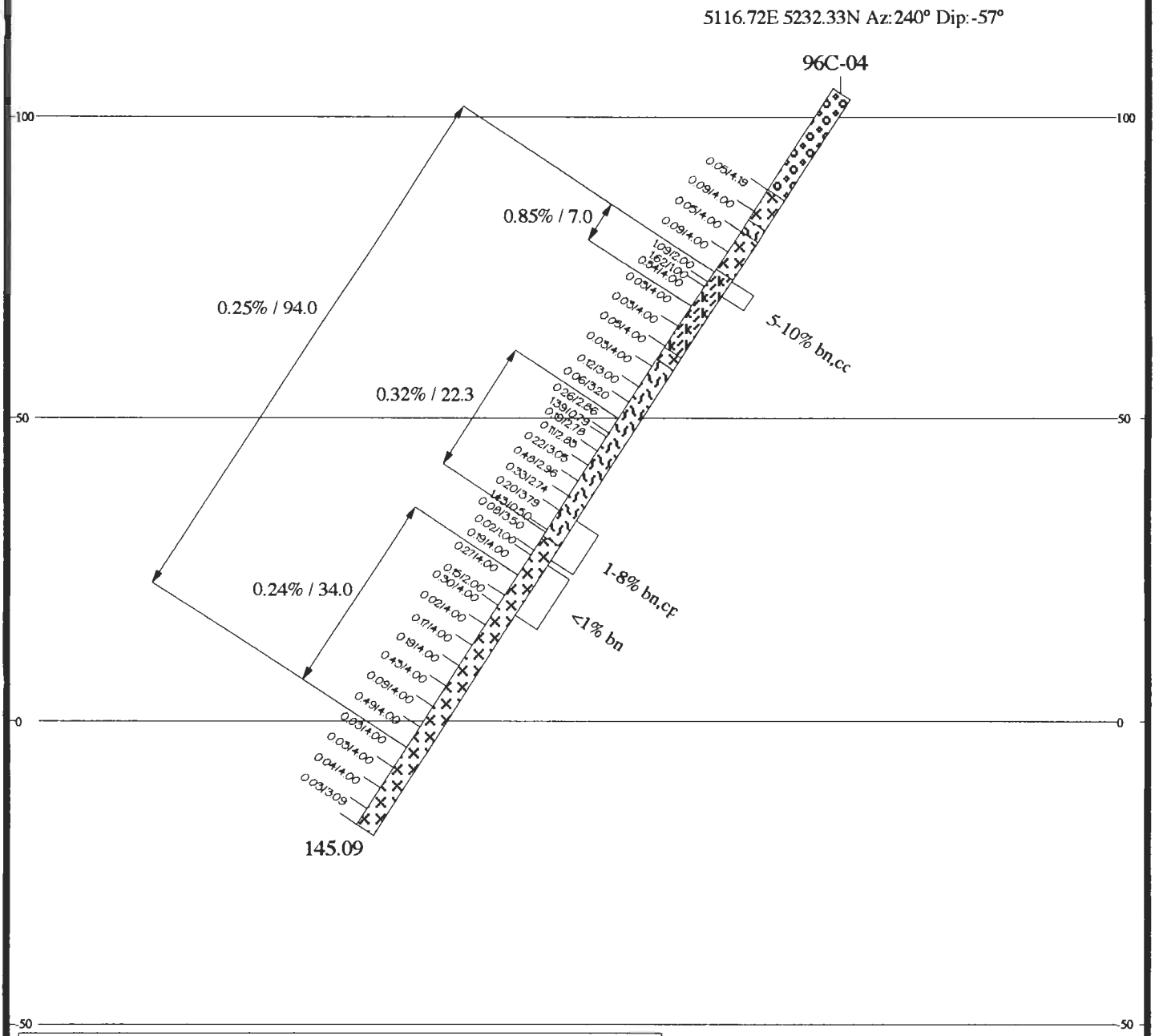
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-03

Fig#:7	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

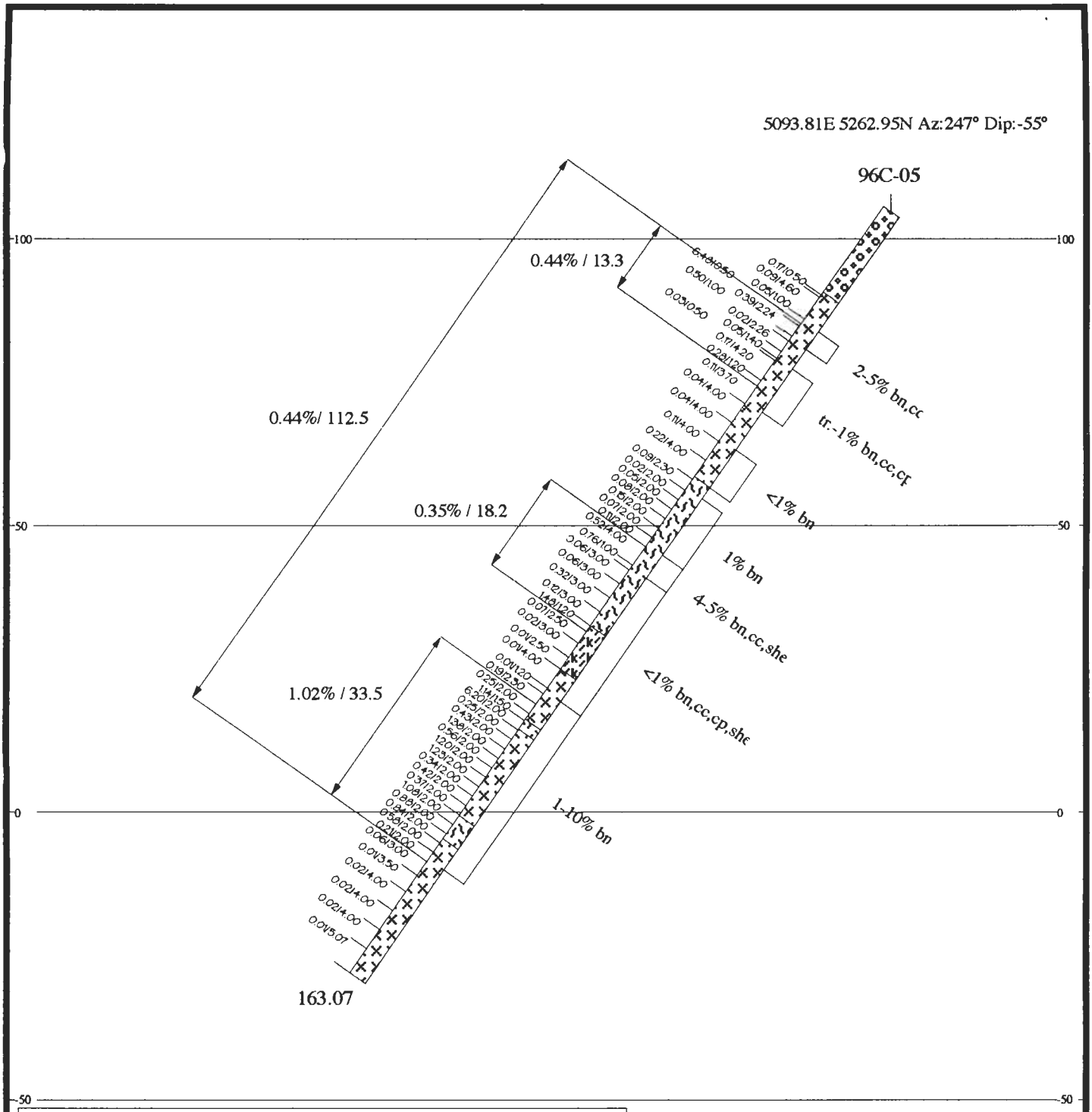
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-04

Fig#:8	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

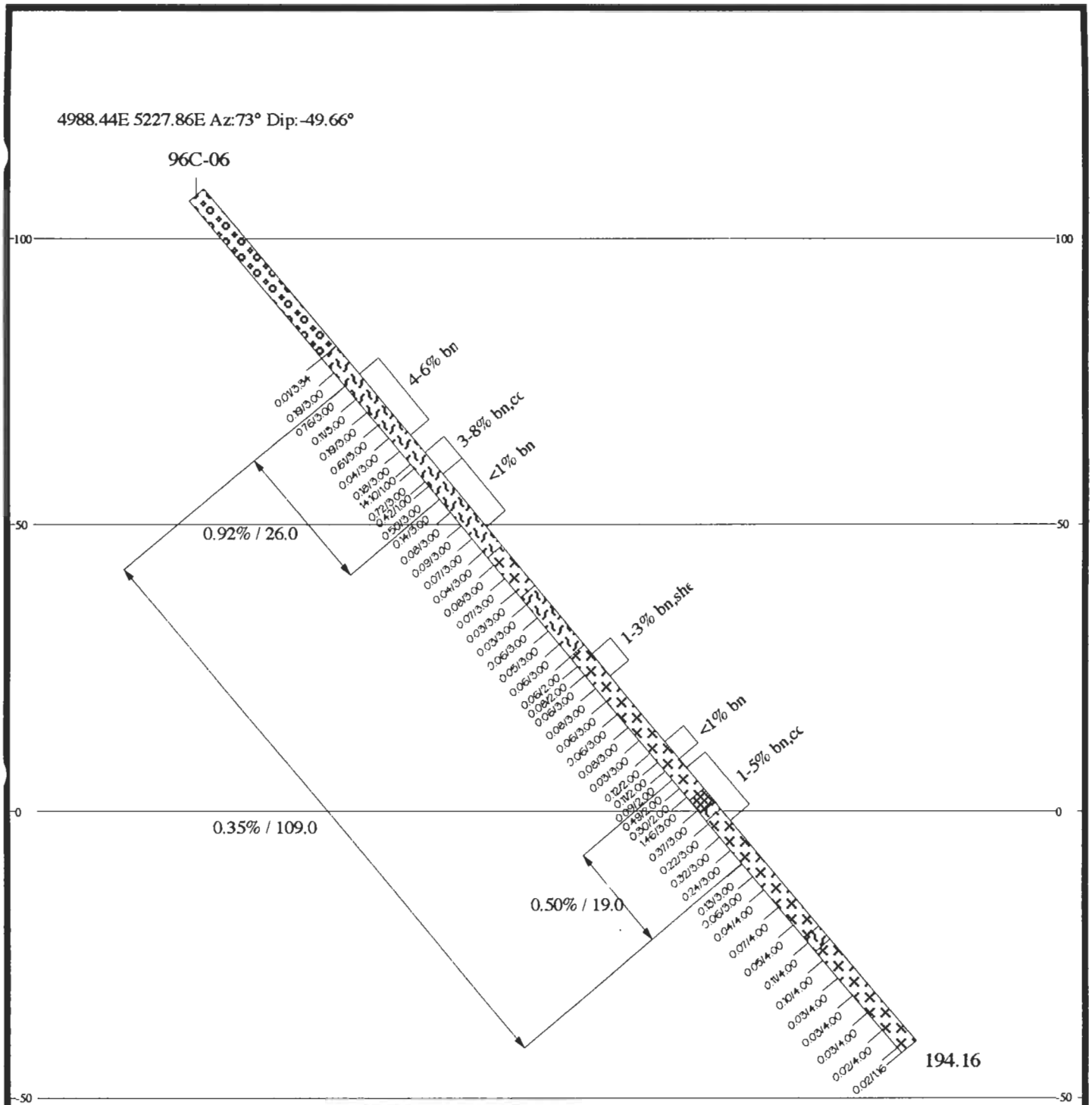
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-05

Fig#:9	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

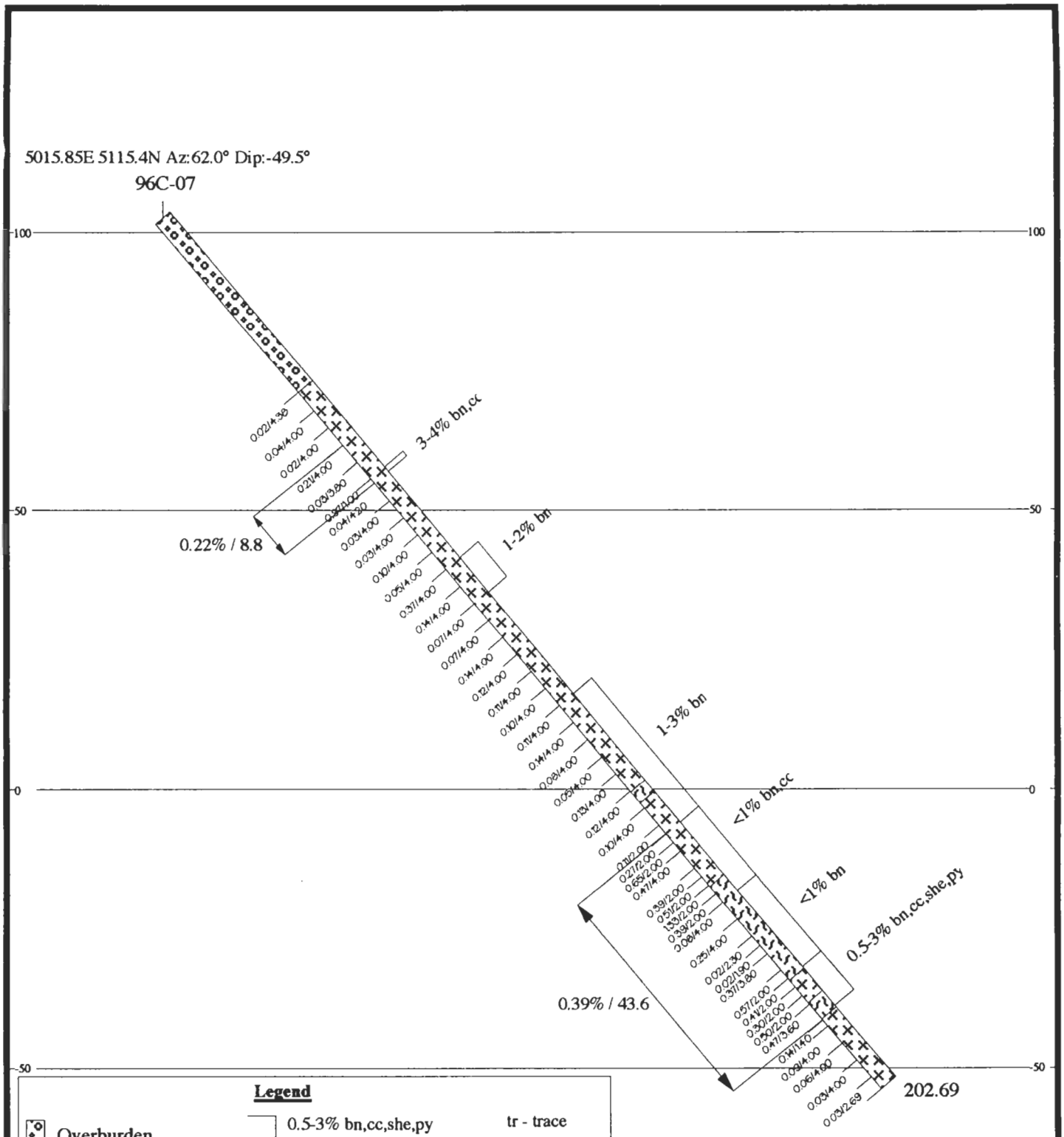
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-06

Fig#:10	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

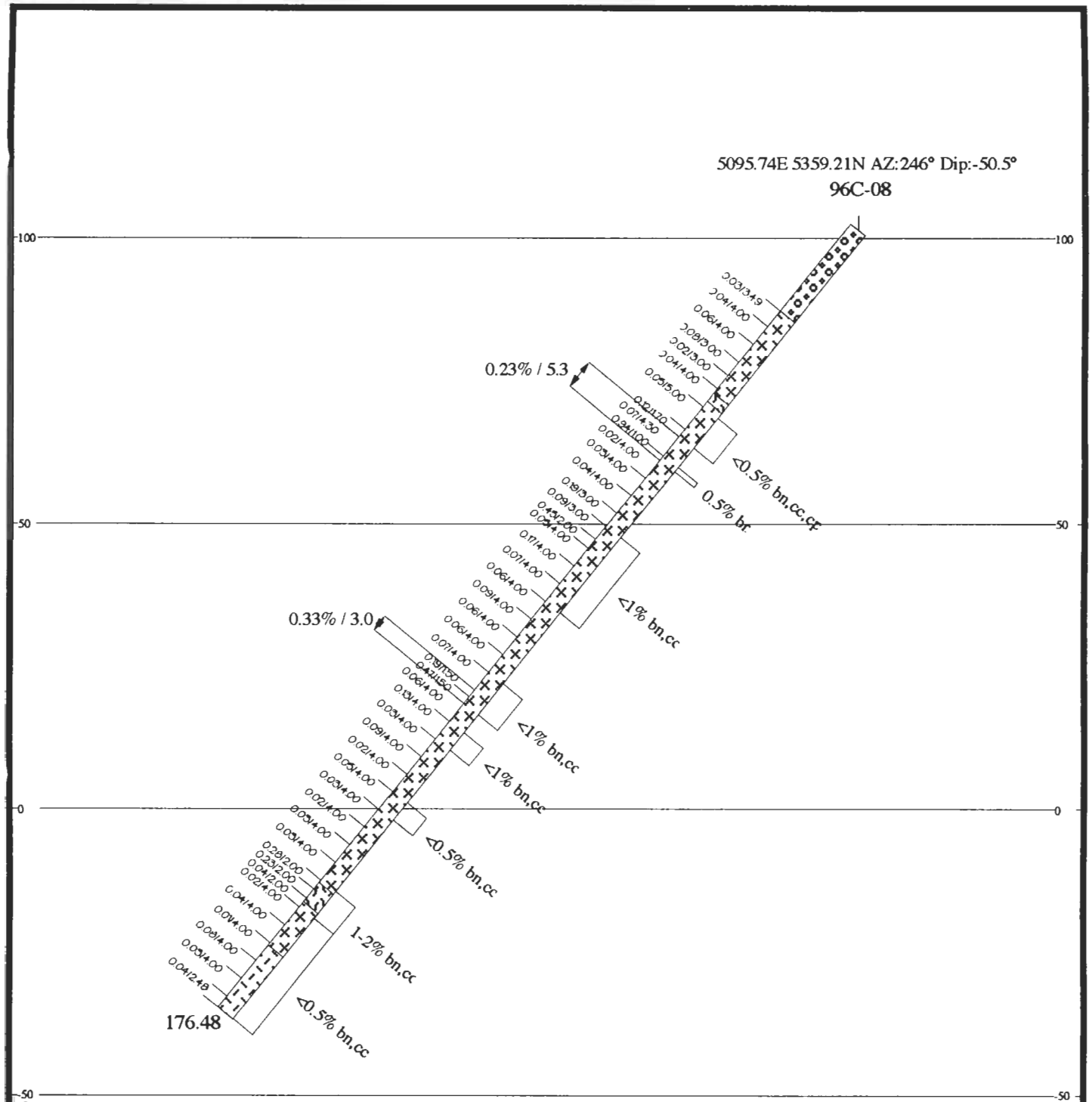
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-07

Fig#:11	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.003/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

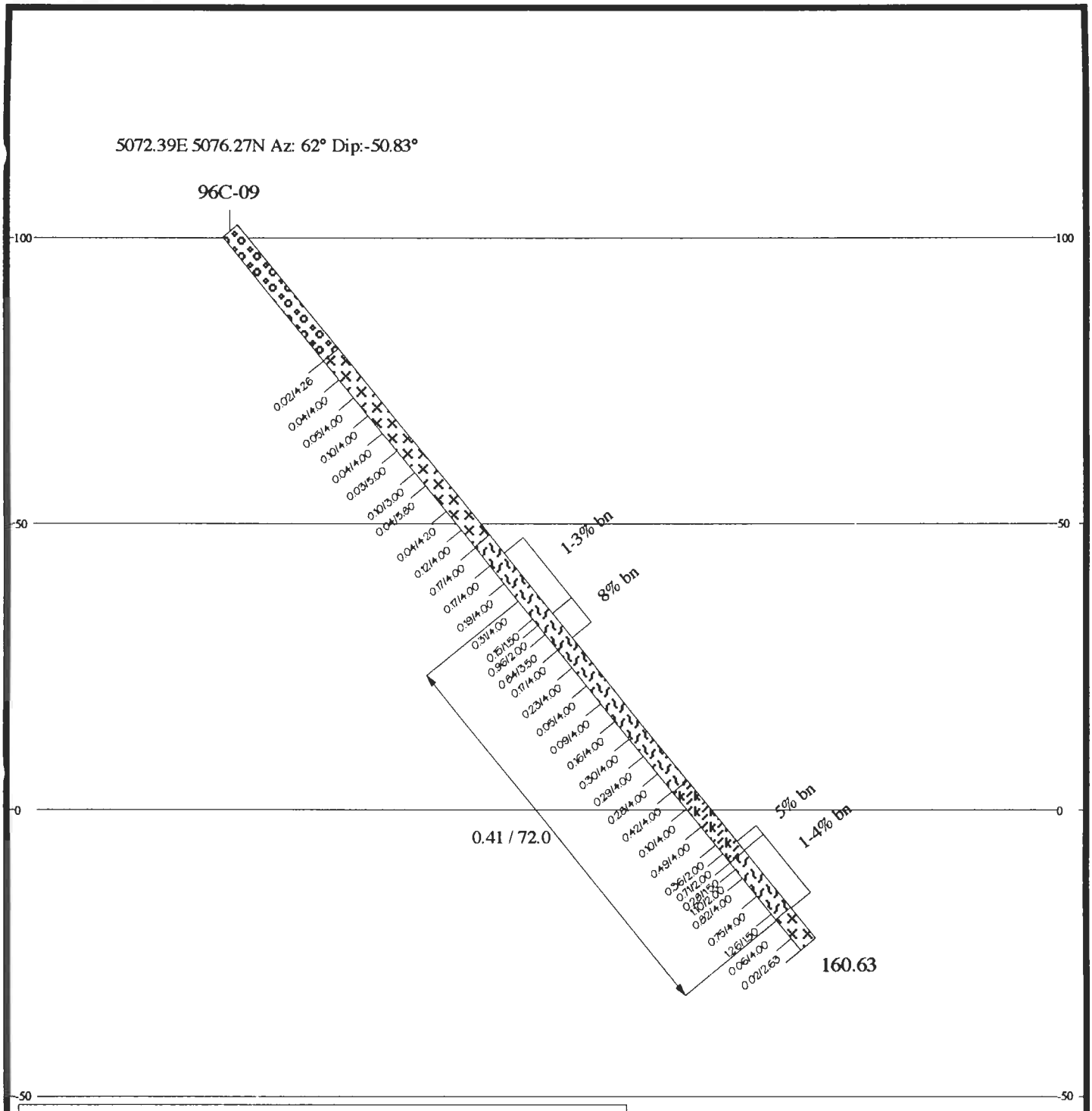
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-08

Fig#:12	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	



Legend

- Overburden
- Quartz Breccia
- Faulted & Altered Granodiorite
- Altered Granodiorite
- Felsic Dyke
- Lower Jurassic Guichon Batholith Granodiorite

0.5-3% bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite

tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50
Metres

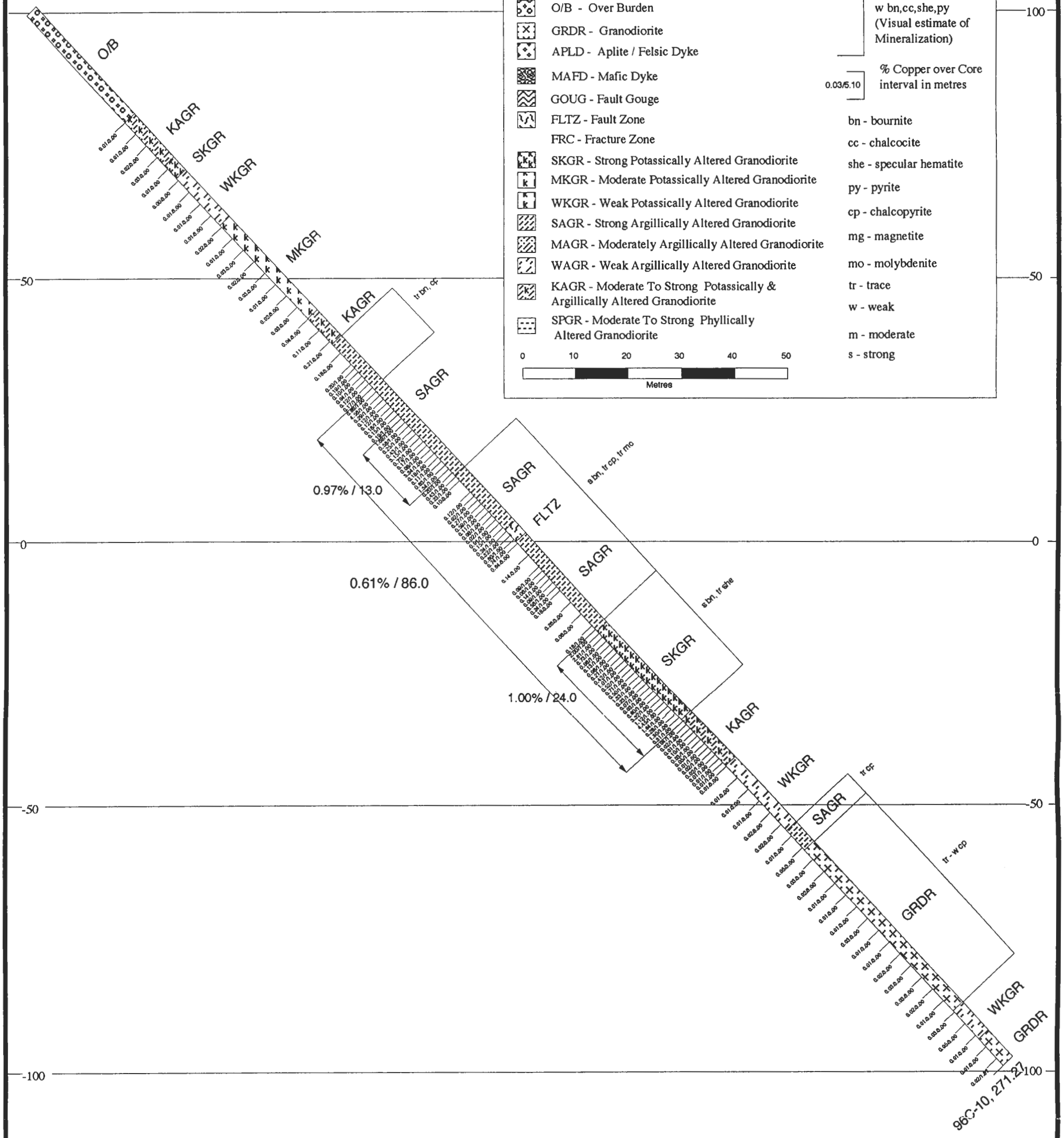
Alhambra Resources Ltd.

Dot Project

DDH # 96C-09

Fig#:13	Scale 1:1000	NTS: 92I/7W
Date: Feb.17,1997	Author: GS	

96C-10 (5083.45E / 5042.96N 055°/-47°)



Legend

- O/B - Over Burden
- GRDR - Granodiorite
- APLD - Aplite / Felsic Dyke
- MAFD - Mafic Dyke
- GOUG - Fault Gouge
- FLTZ - Fault Zone
- FRC - Fracture Zone
- SKGR - Strong Potassically Altered Granodiorite
- MKGR - Moderate Potassically Altered Granodiorite
- WKGR - Weak Potassically Altered Granodiorite
- SAGR - Strong Argillically Altered Granodiorite
- MAGR - Moderately Argillically Altered Granodiorite
- WAGR - Weak Argillically Altered Granodiorite
- KAGR - Moderate To Strong Potassically & Argillically Altered Granodiorite
- SPGR - Moderate To Strong Phyllically Altered Granodiorite

w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50
Metres

Alhambra Resources Ltd.		
Dot Project **DDH # 96C-10**		
Fig#: 14	Scale 1:750	NTS: 92I/7W
Date: Feb. 17, 1997	Author: GS	

96C-11 (5083.45E / 5042.96N 055°/-60°)

Legend

- O/B - Over Burden
- GRDR - Granodiorite
- APLD - Aplite / Felsic Dyke
- MAFD - Mafic Dyke
- GOUG - Fault Gouge
- FLTZ - Fault Zone
- FRC - Fracture Zone
- SKGR - Strong Potassically Altered Granodiorite
- MKGR - Moderate Potassically Altered Granodiorite
- WKGR - Weak Potassically Altered Granodiorite
- SAGR - Strong Argillically Altered Granodiorite
- MAGR - Moderately Argillically Altered Granodiorite
- WAGR - Weak Argillically Altered Granodiorite
- KAGR - Moderate To Strong Potassically & Argillically Altered Granodiorite
- SPGR - Moderate To Strong Phyllically Altered Granodiorite

w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 - % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

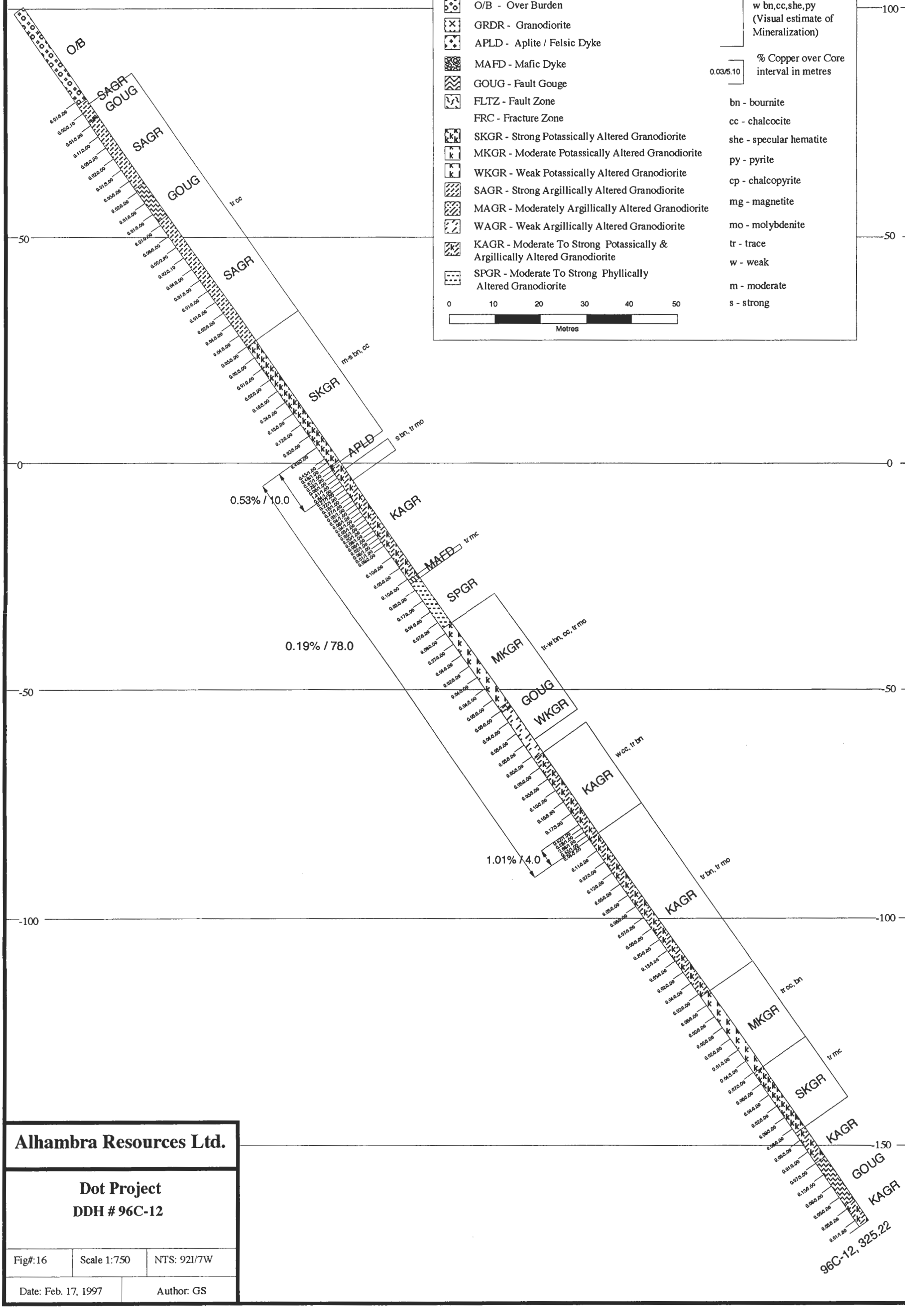
0 10 20 30 40 50
Metres

100
50
0
-50
-100
-150

O/B
KAGR — m mg, tr bn
MKGR
MKGR — tr mg
SPGR
WKGR
SPGR — tr cp
WKGR
SAGR — tr she,bn
KAGR — tr she
SAGR — s bn,cp tr mg,cc
1.35% / 3.10
KAGR — tr she
SAGR — m bn, w cp, m mo, tr she
0.55% / 6.1
APLD FRC — m bn,cc tr mo
0.34% / 111.7
SAGR — m-s bn, w cp, tr mo
0.51% / 7.1
APLD SA — s bn, tr mo
KAGR — s bn, w mo
2.24% / 6.1
APLD SA — m bn
KAGR
SAGR — tr bn,cp
SKGR — tr bn
KAGR — tr mg
GOUG 96C-11, 325.22

Alhambra Resources Ltd.		
Dot Project **DDH # 96C-11**		
Fig#:15	Scale 1:750	NTS: 92I/7W
Date: Feb. 17, 1997	Author: GS	

96C-12 (5079.15E / 4994.96N 055°/-55°)



Legend

- O/B - Over Burden
- GRDR - Granodiorite
- APLD - Aplite / Felsic Dyke
- MAFD - Mafic Dyke
- GOUG - Fault Gouge
- FLTZ - Fault Zone
- FRC - Fracture Zone
- SKGR - Strong Potassically Altered Granodiorite
- MKGR - Moderate Potassically Altered Granodiorite
- WKGR - Weak Potassically Altered Granodiorite
- SAGR - Strong Argillically Altered Granodiorite
- MAGR - Moderately Argillically Altered Granodiorite
- WAGR - Weak Argillically Altered Granodiorite
- KAGR - Moderate To Strong Potassically & Argillically Altered Granodiorite
- SPGR - Moderate To Strong Phyllically Altered Granodiorite

w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project
DDH # 96C-12

Fig#:16	Scale 1:750	NTS: 92I/7W
Date: Feb. 17, 1997	Author: GS	

96C-13 (5031.90E / 5268.50N 235°/-45°)

100

50

0

-50

-100

0.47% / 12.0

O/B

KAGR

m ma,bn w mo

KAGR

m-s bn, tr cu

FLTZ

tr bn

GOUG

FLTZ

KAGR

FLTZ

KAGR

FLTZ

KAGR

SAGR

WKGR

GRDR

tr cc

SAGR

96C-13, 239.87

Legend

- O/B - Over Burden
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w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50

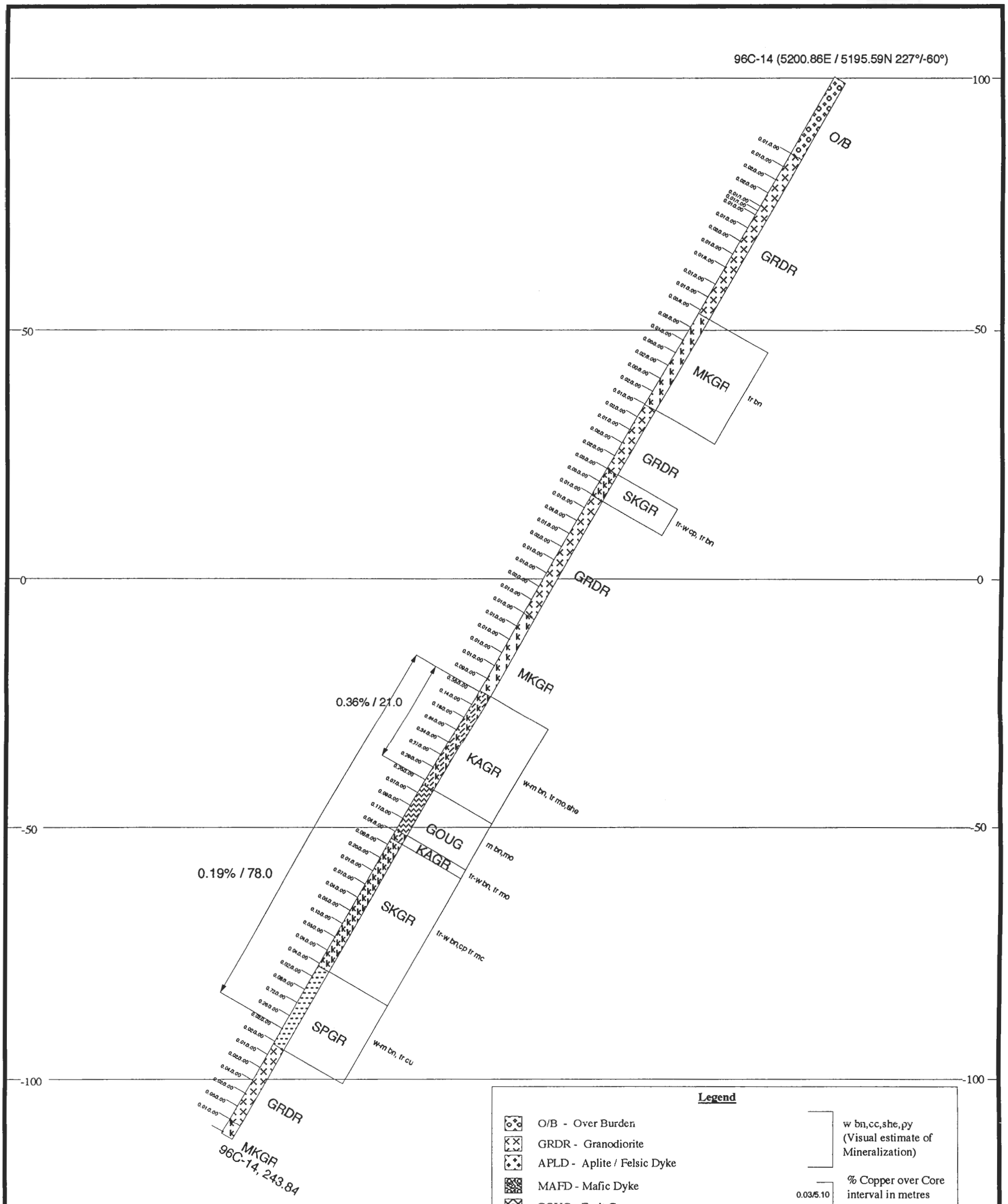
Metres

Alhambra Resources Ltd.

Dot Project

DDH # 96C-13

Fig#:17	Scale 1:750	NTS: 92I/7W
Date: Feb. 17,1997	Author: GS	



Legend

- O/B - Over Burden
- GRDR - Granodiorite
- APLD - Aplite / Felsic Dyke
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w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project
DDH # 96C-14

Fig#: 18	Scale 1:750	NTS: 92I/7W
Date: Feb. 17,1997	Author: GS	

96C-15 (5130.77E / 4954.04N 055°/-45°)

100

50

0

-50

-100

O/B

tr mg

KAGR

SAGR
FRC

KAGR
SAGR

tr bn,mg

KAGR

tr-w bn

KAGR

KAGR
FLTZ

w-s bn,w she

KAGR

w bn, tr mc

1.75% / 24.0

KAGR

tr-w bn

SKGR

w-s cp,tr-w bn

0.58% / 119.88

SAGR

w bn, tr mo,she

MKGR

w-m bn, tr she

GRDR
SKGR

96C-15, 221.58

Legend

- O/B - Over Burden
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- MAFD - Mafic Dyke
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- FLTZ - Fault Zone
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- SPGR - Moderate To Strong Phyllically Altered Granodiorite

w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 — % Copper over Core interval in metres

bn - bournite
cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

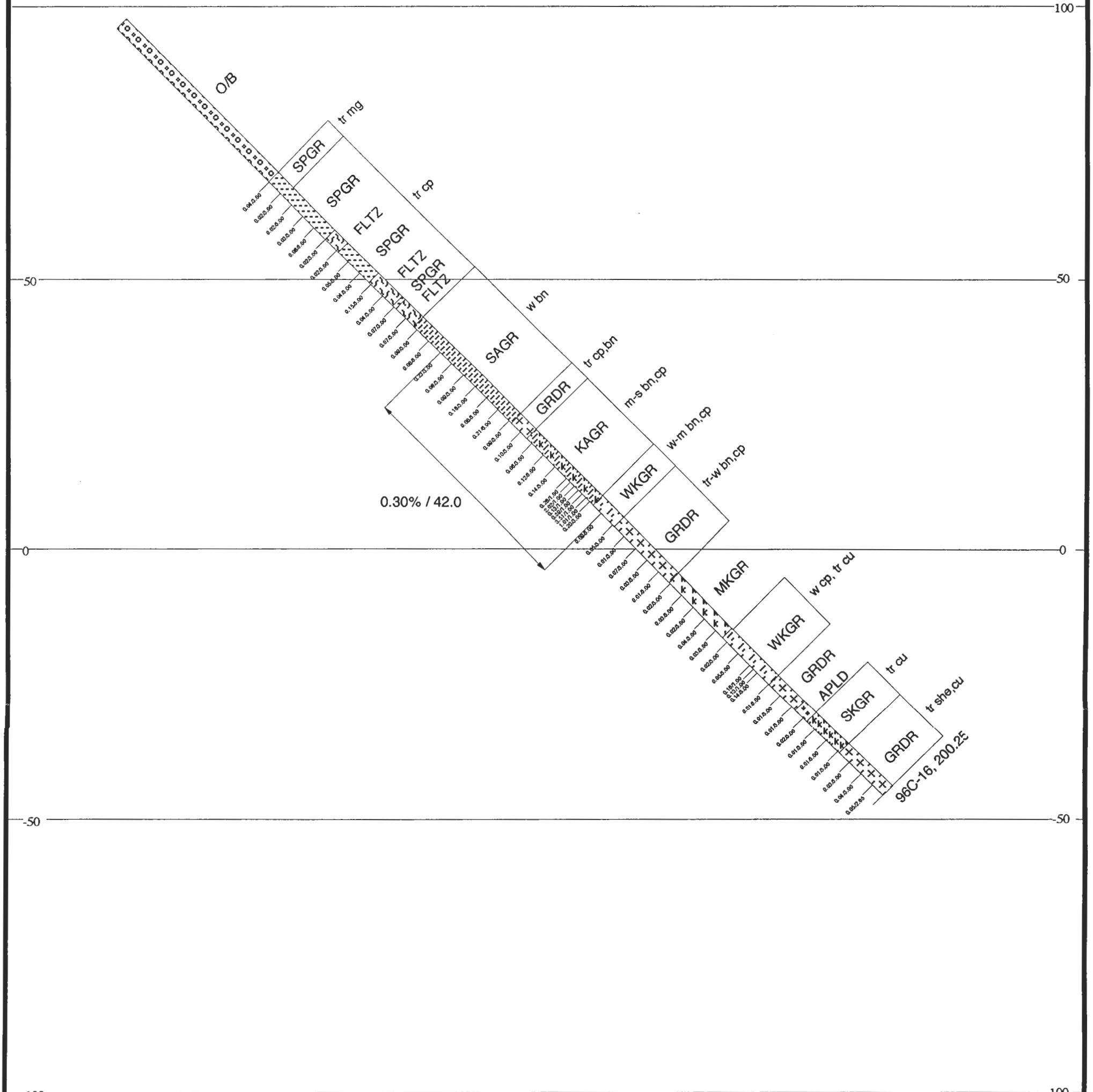
0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project
DDH # 96C-15

Fig#:19	Scale 1:750	NTS: 92I/7W
Date: Feb. 17,1997	Author: GS	

96C-16 (5221.01E / 4881.15N 055°/-45°)



Legend

- O/B - Over Burden
- GRDR - Granodiorite
- APLD - Aplite / Felsic Dyke
- MAFD - Mafic Dyke
- GOUG - Fault Gouge
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w bn,cc,she,py (Visual estimate of Mineralization)

0.03/5.10 — % Copper over Core interval in metres

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cc - chalcocite
she - specular hematite
py - pyrite
cp - chalcopyrite
mg - magnetite
mo - molybdenite
tr - trace
w - weak
m - moderate
s - strong

0 10 20 30 40 50
Metres

Alhambra Resources Ltd.

Dot Project
DDH # 96C-16

Fig#:20	Scale 1:750	NTS: 92I/7W
Date: Feb. 17,1997	Author: GS	

APPENDIX I

DIAMOND DRILL CORE LOGS

DOT PROPER. . . ASSAY RESULTS

DDH#	FROM (m)	TO (m)	INTV. (m)	INTV. (ft)	Cu (%)	Ag (g/t)	Au (g/t)	Mo (%)
96C-03	29.0	66.2	37.2	123.0	1.23	5.55	0.10	0.00
96C-04	36.0	43.0	7.0	23.1	0.85	3.51	0.05	0.00
	65.2	130.0	64.8	214.2	0.25	1.54	0.05	0.01
96C-05	72.3	139.5	67.2	222.2	0.61	3.73	0.04	0.00
96C-06	42.0	68.0	26.0	86.0	0.92	7.93	0.02	0.00
96C-07	145.0	186.6	41.6	137.5	0.40	4.38	0.04	0.00
96C-08	52.0	73.0	21.0	69.4	0.14	0.93	0.06	0.00
96C-09	82.0	154.0	72.0	238.0	0.41	2.56	0.04	0.00
96C-10	84.4	182.4	98.0	324.0	0.56	4.06	0.06	0.00
96C-11	108.8	135.2	26.4	87.3	0.36	2.61	0.04	0.00
	166.7	220.5	53.8	177.9	0.49	3.36	0.07	0.04
96C-12	95.6	130.6	35.0	115.7	0.24	1.22	0.02	0.00
	214.6	221.6	7.0	23.1	0.65	5.23	0.06	0.00
96C-13	31.7	43.7	12.0	39.7	0.47	2.55	0.03	0.01
96C-14	138.4	165.4	27.0	89.3	0.31	2.38	0.03	0.01
	213.4	219.4	6.0	19.8	0.49	2.30	0.03	0.00
96C-15	101.7	221.6	119.9	396.3	0.58	4.03	0.05	0.00
96C-16	64.6	126.6	42.0	138.9	0.30	3.00	0.12	0.00

TABLE II

DRILL HOLE TECHNICAL DATA

DDH NO:	EASTING (m)	NORTHING (m)	DIP DEGREES	AZIMUTH DEGREES	TOTAL LENGTH	HORZ PROJ (m)	VERTICAL PROJ (m)	CORE SIZE
96C-01	4698	5726	-51	52	70.10	44.11	54.47	NQ
96C-02	4797	5719	-50	223	77.72	49.95	59.53	NQ
96C-03	5093	5223	-51	240	91.75	57.74	71.30	NQ
96C-04	5117	5232	-57	240	145.09	79.02	121.68	NQ
96C-05	5094	5263	-55	247	163.07	93.53	133.57	NQ
96C-06	4988	5228	-49	73	194.16	127.38	146.53	NQ
96C-07	5016	5115	-49	62	202.69	132.97	152.97	NQ
96C-08	5096	5359	-50	246	176.48	113.43	135.19	NQ
96C-09	5072	5076	-50	55	160.63	103.25	123.04	NQ
96C-10	5083	5043	-47	55	271.27	185.00	198.39	NQ
96C-11	5083	5043	-60	55	325.22	162.61	281.64	NQ
96C-12	5079	4995	-55	55	325.22	186.53	166.40	NQ
96C-13	5032	5269	-45	235	239.87	169.61	169.61	NQ
96C-14	5201	5196	-60	235	243.84	121.92	211.17	NQ
96C-15	5131	4954	-45	55	221.58	156.68	156.68	NQ
96C-16	5221	4881	-45	55	200.25	141.59	141.59	NQ

TABLE III

DIAMOND DRILL CORE LOG DDH 96C-01

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	5.8m	Overburden: casing set at 19.0m								
5.8m	8.22m	Granodiorite: pink, potassic alteration.	57732	5.79	8.22	2.43	0.01			
8.22m	9.66m	fault breccia, light grey color, clayey, rusty	44201	8.22	9.66	1.44	0.01			
		streaks along fractures.								
9.66m	18.0m	Granodiorite: as above, grades to darker	57733	9.66	14.00	4.34	0.03			
		sections with more hornblende.	57734	14.00	18.00	4.00	0.10			
18.0m	23.8m	Granodiorite: mottled pink to green grey,	57735	18.00	19.53	1.53	0.50			
		potassic alteration with localized argillic	44202	19.53	21.95	2.42	0.23			
		alteration.	57736	21.95	24.26	2.31	0.08			
23.8m	39.2m	Granodiorite: light grey, argillic alteration,	44203	24.26	24.59	0.33	1.65	0.19		
		brecciated core, trace blebs and stringers of	57737	24.59	29.00	4.41	0.10			
		bornite with occasional quartz veinlets.	57738	29.00	33.00	4.00	0.26			
	36.8m	Native copper	57739	33.00	37.00	4.00	0.06			
			57740	37.00	41.00	4.00	0.49			
39.2m	67.0m	Granodiorite: pink to light grey color,	57741	41.00	45.00	4.00	0.04			
		potassic with localized argillic alteration,	57742	45.00	49.00	4.00	0.55			
		trace Native Copper, brecciated sections	57743	49.00	53.00	4.00	0.04			
		of core with hematite streaks.	57744	53.00	57.00	4.00	0.03			
			57745	57.00	61.00	4.00	0.02			
			57746	61.00	65.00	4.00	0.02			
67.0m	69.8m	Aplite Dike: quartz porphyry, red brown colo	57747	65.00	70.10	4.10	0.03			
69.8m	70.1m	Granodiorite: bleached, argillic alteration.								
70.1M		END OF HOLE								

DIAMOND DRILL CORE LOG DDH 96C-02

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	13.96m	Overburden: glacial till, casing set at 12.2m								
13.96m	17.7m	Granodiorite: medium grained, 25% biotite with	44205	13.96	19.20	5.24	0.03			
		yellow rims, fractures coated with yellow to								
		orange brown stain. 3 sets of fractures.								
17.7m	21.3m	Granodiorite: green to orange color, hematite	57748	19.20	24.00	4.80	0.02			
		staining.								
21.3m	27.1m	Granodiorite: white grading to medium grey,	57749	24.00	28.00	4.00	0.02			
		argillic alteration with limonite staining, trace								
		fault breccia.								
27.1m	47.2m	Granodiorite: grey green color, argillic alteration,	57750	28.00	32.00	4.00	0.08			
			57692	32.00	34.44	2.44	0.02			
	35.0m	Fault zone: brown clay.	44217	34.44	37.49	3.05	0.02	0.001		
	37.5m	white calcite vein.	44206	37.49	40.54	3.05	0.03			
			44207	40.54	43.59	3.05	0.04			
			44208	43.59	46.63	3.04	0.02			
			44209	46.63	49.68	3.05	0.08			
47.2m	54.9m	Granodiorite: red brown to dark brown, argillic	44210	49.68	52.73	3.05	0.03			
		alteration, (schistose shear)	44211	52.73	54.86	2.13	0.06			
	45.9m	Native Copper								
	47.2m	Native Copper								
54.9m	72.8m	Granodiorite: argillic alteration, intense fracturing	44212	54.86	57.91	3.05	0.02	0.001		
		3 sets of fractures with the main fracture	44213	57.91	60.96	3.05	0.02	0.001		
		orientation at 45 degrees.	44214	60.96	64.01	3.05	0.03	0.001		
			44215	64.01	67.06	3.05	0.03	0.001		
			44216	67.06	70.10	3.04	0.04	0.001		
72.8m	74.0m	Granodiorite: white with hematite streaks.	N/A							
		50% of interval has a sandy pitted feeling.								
74.0m	77.7m	Granodiorite: fresh appearance.	N/A							
	76.1m	Veinlet with possible chalcocite mixed with	N/A							
		bornite.								
76.1m		N/A = not assayed (END OF HOLE)								

DIAMOND DRILL ORE LOG DDH 96C-03

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	22.0m	Overburden: glacial till, casing set at 22.0								
		meters.								
22.0m	30.5m	Granodiorite: Oxidized zone, medium	57693	22.00	25.00	3.00	0.01			
		grained, pink to buff white color, intense	57694	25.00	29.00	4.00	0.06			
		fracturing, all surfaces limenite stained	57695	29.00	31.03	2.03	1.79	0.52	9.60	0.00
		argillic alteration.								
30.5m	31.0m	White siliceous groundmass, with	44218	31.03	31.43	0.40	0.32	0.01	1.50	0.0053
		branching black veinlets of specular								
		hematite, hematite could be 50% of core.								
31.0m	31.5m	Massive black specular hematite with minor								
		blebs of chalcopyrite.								
31.5m	32.0m	Granodiorite: 0.3m section of bornite, with	44219	31.43	32.00	0.57	17.60	2.49	89.70	0.0024
		chalcopyrite and hematite.								
32.0m	34.0m	Granodiorite: with blebs and streaks of	44220	32.00	34.14	2.14	3.18	0.18	16.20	0.0047
		bornite, chalcopyrite and hematite.								
34.0m	38.3m	Granodiorite: as above.	44221	34.14	35.91	1.77	1.62	0.09	7.20	0.0019
			44222	35.91	38.34	2.43	0.62	0.01	2.20	0.0017
38.3m	39.2m	Granodiorite: as above, 50% chalcopyrite	44223	38.34	39.14	0.80	11.60	0.23	42.40	0.0017
		and 50% bornite.								
39.2m	68.9m	Fault zone: altered granodiorite, with	57696	39.14	44.00	4.86	1.06	0.01	3.10	0.0021
		occassional dark grey fine grained veinlets	57697	44.00	48.00	4.00	0.06	0.01	0.10	0.0018
	50.5m	mnior bornite	57698	48.00	52.00	4.00	0.20	0.01	0.60	0.0011
			57699	52.00	56.00	4.00	0.05	0.01	0.10	0.0013
			57700	56.00	60.00	4.00	0.51	0.01	3.70	0.0010
			63752	60.00	63.86	3.86	0.56	0.05	3.00	0.0039
	63.4m	Dark grey to black, mottled blebs and	44225	63.86	63.98	0.12	0.86	0.03	7.80	0.0799
		veinlets in a light grey matrix.	63753	63.98	65.84	1.86	0.28	0.03	1.30	0.0660
			44226	65.84	66.20	0.36	0.45	0.12	2.20	0.0200
68.9m	91.75m	Granodiorite: pink salmon to grey green	63754	66.20	70.00	3.80	0.13	0.01	1.00	0.0050
		color, potassic alteration with localized	63755	70.00	74.00	4.00	0.07			

DIAMOND DRILL CORE LOG DDH 96C-03

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		argillic alteration, hematite staining, trace	63756	74.00	80.00	6.00	0.04			
		epidote.	63757	80.00	82.00	2.00	0.10			
			63758	82.00	86.00	4.00	0.08			
	89.3m	Fault zone:	63759	86.00	90.00	4.00	0.09			
			63760	90.00	91.75	1.75	0.02			
91.75m		END OF HOLE								

DIAMOND DRILL RE LOG DDH 96C-04

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	10.97m	Overburden: casing set at 10.97m								
10.97m	19.81m	Overburden: consisting of granodiorite and								
		mafic boulders and compacted clay.								
19.81m	28.0m	Granodiorite: rusty weathered surface zone.	57701	19.81	24.00	4.19	0.05			
	25.7m	Fault zone: broken clayey section of core.	57702	24.00	28.00	4.00	0.09			
		1 cm streak with scattered chalcopyrite and								
		very fine grain mineral possibly chalcocite.								
28.0m	35.5m	Granodiorite: dark green near fault grading to	57703	28.00	32.00	4.00	0.05			
		pinkish color.	57704	32.00	36.00	4.00	0.09			
	34.86m	isolated len with less then 0.5% bornite								
35.5m	51.2m	Granodiorite: greenish grey color, altered	57705	36.00	38.00	2.00	1.09			
		chlorites, argillic alteration, strong epidote.	44227	37.64	37.91	0.27	1.00	0.02	6.20	0.0007
	38.5m	1cm and 2 cm stringers of bornite and	57706	38.00	39.00	1.00	1.62	0.03	11.40	0.0007
		chalcopyrite, >10% bornite and chalcopyrite.	57707	39.00	43.00	4.00	0.54	0.01	3.30	0.0007
		scattered disseminated chalcopyrite and	57708	43.00	47.00	4.00	0.03	0.01	0.10	0.0017
		bornite.	57709	47.00	51.00	4.00	0.03			
	48.4m	Fault zone: crushed rock and fault gouge.								
51.2m	53.6m	Granodiorite: pink, medium grained, hard,	57710	51.00	55.00	4.00	0.05			
		scattered epidote.								
53.6m	88.2m	Fault zone: brecciated in part, clayey,	57711	55.00	59.00	4.00	0.03			
		chloritic, potassic alteration.	57712	59.00	62.00	3.00	0.12			
			57713	62.00	65.20	3.20	0.06			
			44229	65.20	68.06	2.86	0.26	0.01	1.80	0.0010
			44228	68.06	68.85	0.79	1.39	0.05	8.20	0.0042
			44230	68.85	71.63	2.78	0.19	0.01	0.05	0.0011
			44231	71.63	74.46	2.83	0.11	0.01	0.10	0.0023
			44232	74.46	77.51	3.05	0.22	0.01	0.10	0.0084
			44233	77.51	80.47	2.96	0.48	0.01	3.70	0.0116
			44234	80.47	83.21	2.74	0.33	0.01	1.80	0.0041
		1 to 2 percent bornite and chalcopyrite.	57714	83.21	87.00	3.79	0.20	0.01	2.40	0.0045
		8 to 10 percent bornite	57715	87.00	87.50	0.50	1.43	0.07	11.30	0.0250
		3 to 5 percent bornite and chalcopyrite.	57716	87.50	91.00	3.50	0.08	0.02	0.30	0.0333

DIAMOND DRILL CORE LOG DDH 96C-04

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
88.2m	145.09m	Granodiorite: pink, medium grained, hard,	57717	91.00	92.00	1.00	0.02	0.01	0.10	0.0527
		minor fractures. medium to fine grained	57718	92.00	96.00	4.00	0.19	0.01	0.50	0.0122
		bornite and chalcopyrite to 102m.	57719	96.00	100.00	4.00	0.27	0.01	3.80	0.0069
	91.2m	massive specularite lens 2 cm in thickness	57720	100.00	102.00	2.00	0.15	0.02	0.70	0.0140
		filling fracture.	57721	102.00	106.00	4.00	0.30	0.03	1.00	0.0019
	102m	dark green, siliceous, hard, well mineralized	57722	106.00	110.00	4.00	0.02	0.01	1.30	0.0010
		with chalcopyrite and bornite.	57723	110.00	114.00	4.00	0.17	0.01	1.00	0.0007
	109.1m	Fault zone: clayey, fragmental section of core	57724	114.00	118.00	4.00	0.19	0.02	2.40	0.0014
	120.7m	Shear zone: highly carbonaceous, with	57725	118.00	122.00	4.00	0.43	0.01	0.20	0.0013
		scattered 1 cm stringers of calcite.	57726	122.00	126.00	4.00	0.09	0.02	3.20	0.0109
	124.0m	Less altered rock, disseminated bornite.	57727	126.00	130.00	4.00	0.49	0.01	0.10	0.0033
	128.6m	Clayey zone with trace bornite.	57728	130.00	134.00	4.00	0.03			
			57729	134.00	138.00	4.00	0.03			
	137.6m	fractured zone, cut by numerous clay seams	57730	138.00	142.00	4.00	0.04			
		at high angles to contact.	57731	142.00	145.09	3.09	0.03			
145.09m		END OF HOLE								

DIAMOND DRILL , ,RE LOG DDH 96C-05

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	18.3m	Overburden: Granodiorite boulders and								
		compacted clay.								
18.3m	24.2m	Granodiorite: grey green color, medium	44235	18.90	19.40	0.50	0.17		0.8	0.0008
		grained, sodium plagioclase and amphibole	44331	19.40	24.00	4.60	0.09	0.01	0.2	0.0006
		with quartz, occasional pink potassic feldspar								
		rust streak along fractures.								
		minor fine grained disseminated sulphides,								
		possible chalcocite.								
24.2m	25.0m	Aplite Dike: pinkish grey, fine grained,	44332	24.00	25.00	1.00	0.05	0.01	0.1	0.0078
		massive, contains granodiorite fragments near								
		upper contact. trace molybdenum.								
25.0m	71.0m	Granodiorite: potassic alteration, salmon color	44236	25.00	25.50	0.50	6.48	0.15	44.3	0.0029
	25.2m	>35% bornite.	44333	25.50	27.74	2.24	0.39	0.03	3.2	0.0008
	27.8m	1 cm band with minor chalcopyrite, <1mm	44237	27.74	28.74	1.00	0.50		1.7	0.0005
		wavy seam of reddish brown earthy material	44334	28.74	31.00	2.26	0.02			
		possibly cuprite.	44335	31.00	32.40	1.40	0.05			
		2 cm band dark mineral with rusty halos,	44238	32.40	32.90	0.50	0.03			
		possibly disseminated bornite.	44336	32.90	37.10	4.20	0.17			
	28.3m	1 cm band of bornite.	44239	37.10	38.30	1.20	0.28			
	32.5m	1mm stringer of earthy cuprite with bornite	44337	38.30	42.00	3.70	0.11			
		and occasional chalcopyrite.	44338	42.00	46.00	4.00	0.04			
	35.5m	1 to 2 mm stringers of bornite.	44339	46.00	50.00	4.00	0.04			
	49.0m	Fault zone: clay gouge.	44340	50.00	54.00	4.00	0.11			
		scattered bornite.	44341	54.00	58.00	4.00	0.22			
	57.4m	Fault zone: brecciated core imbedded in a	44342	58.00	60.30	2.30	0.09			
		clay matrix, reddish oxidized appearance.	44240	60.30	62.30	2.00	0.02			
			44241	62.30	64.30	2.00	0.05			
			44242	64.30	66.30	2.00	0.08			
			44243	66.30	68.30	2.00	0.15			
			44244	68.30	70.30	2.00	0.07			
71.0m	89.3m	Fault zone: granodiorite, fractured with	44245	70.30	72.30	2.00	0.11		0.8	0.0019
		numerous veinlets of smoky quartz, scattered	44246	72.30	76.30	4.00	0.52	0.04	2.1	0.005
		veins of specular hematite with 2 cm vein of	44247	76.30	77.30	1.00	0.76	0.03	6.4	0.017
		coarse blebs of bornite and disseminated	44248	77.30	80.30	3.00	0.06	0.01		

DIAMOND DRILL ... RE LOG DDH 96C-05

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		bornite.	44249	80.30	83.30	3.00	0.06	0.01	0.1	0.0018
	76.4m	3.5 cm vein of specular hematite with	44250	83.30	86.30	3.00	0.32	0.02	2	0.0054
		disseminated bornite and chalcocite.	44251	86.30	89.30	3.00	0.12	0.04	0.9	0.0063
	77.8m	5 cm band of black fine grained intrusive with								
		interbedded granodiorite fragments.								
89.3m	97.8m	Granodiorite: grey green, scattered fractures	44252	89.30	90.50	1.20	1.48	0.05	6.4	0.0112
	89.7m	2 cm patch of coarse grained bornite.	44253	90.50	93.00	2.50	0.07	0.01	0.1	0.0011
	90.1m	irregular veins of bornite.	44254	93.00	96.00	3.00	0.02	0.01	0.1	0.0014
			44255	96.00	98.50	2.50	0.01	0.01	0.1	0.009
97.8m	98.5m	Mafic Dike: actinolite or tremolite, black fine								
		grained.								
98.5m	109.7m	Granodiorite: salmon color, potassic alteration	44256	98.50	102.50	4.00	0.01	0.01	0.1	0.0108
		2 cm vein with scattered bornite.	44257	102.50	103.70	1.20	0.01	0.01	0.1	0.0038
	103.7m	patches of coarse grained bornite.	44258	103.70	106.00	2.30	0.19	0.03	0.6	0.0011
	105.9m	Fault zone: 70 cm band of grey green clay.	44259	106.00	108.00	2.00	0.25	0.01	1.2	0.0022
			44260	108.00	109.50	1.50	1.14	0.23	5	0.0036
109.7m	111.3m	Fault zone: grey green color, brecciated with	44261	109.50	111.50	2.00	6.20	0.63	44.3	0.0024
		clay matrix, strong bornite mineralization.								
111.3m	129.6m	Granodiorite: salmon grey color, potassic	44262	111.50	113.50	2.00	0.25	0.01	1.6	0.0013
		alteration, scattered fractures with argillic	44263	113.50	115.50	2.00	0.43	0.01	2.9	0.0007
		alteration.	44264	115.30	117.50	2.00	1.38	0.01	7	0.0012
		strong bornite mineralization, scattered	44265	117.50	119.50	2.00	0.56	0.04	3.3	0.0006
		throughout this core interval.	44266	119.50	121.50	2.00	1.20	0.02	9.5	0.0008
			44267	121.50	123.50	2.00	1.23	0.01	9.7	0.0009
			44268	123.50	125.50	2.00	0.34	0.03	2.5	0.0009
	125.7m	Fault zone: 60 cm band of brecciated core	44269	125.50	127.50	2.00	0.42	0.02	2.4	0.0106
		with clay gouge filling fractures.	44270	127.50	129.50	2.00	0.37	0.04	1.7	0.0025
129.6m	134.6m	Fault zone: grey green color, brecciated with	44271	129.50	131.50	2.00	1.08	0.04	5.5	0.0006
		clayey fault gouge.	44272	131.50	133.50	2.00	0.88	0.06	4.8	0.0007
			44273	133.50	135.50	2.00	0.84	0.04	4.1	0.0004
134.6m	138.0m	Granodiorite: grey green grading to salmon	44274	135.50	137.50	2.00	0.58	0.01	2.7	0.0008
		color with depth. disseminated bornite.								

DIAMOND DRILL CORE LOG DDH 96C-05

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
138.0m	163.1m	Granodiorite: weak potassic alteration, light	44275	137.50	139.50	2.00	0.21	0.16	1.2	0.0011
		salmon color.	44276	139.50	142.50	3.00	0.06			
		trace thin fractures with clay fault gouge.	44392	142.50	146.00	3.50	0.01			
		no visible mineralization.	44393	146.00	150.00	4.00	0.02			
			44394	150.00	154.00	4.00	0.02			
			44395	154.00	158.00	4.00	0.02			
			44396	158.00	163.10	5.07	0.01			
163.1m		END OF HOLE								

DIAMOND DRILL ... RE LOG DDH 96C-06

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	33.5m	Overburden: casing set at 33.5m								
33.5m	35.7m	Overburden: granodiorite and mafic boulders								
35.7m	81.3m	Fault zone: 40 cm oxidized zone, rusty	44277	35.66	39.00	3.34	0.01			
		limonitic grading to salmon grey green color.	44278	39.00	42.00	3.00	0.19	0.01	1.1	0.0160
		strongly brecciated and fractured with clay	44279	42.00	45.00	3.00	0.76	0.08	4.2	0.0176
		fault gouge.	44280	45.00	48.00	3.00	0.11	0.01	0.1	0.0021
		good coarse bornite scattered throughout	44281	48.00	51.00	3.00	0.19	0.01	0.5	0.0021
		this core interval.	44282	51.00	54.00	3.00	0.61	0.03	3.1	0.0021
			44283	54.00	57.00	3.00	0.04	0.01	0.1	0.0025
			44284	57.00	60.00	3.00	0.18	0.02	1.2	0.0101
	60.1m	7 cm vein of massive chalcocite and bornite	44285	60.00	61.00	1.00	14.10	0.16	149.8	0.0012
			44286	61.00	64.00	3.00	0.72	0.03	5.7	0.0006
	64.5m	2 cm vein of massive bornite	44287	64.00	65.00	1.00	0.42	0.04	1.9	0.0011
			44288	65.00	68.00	3.00	0.50	0.16	3.3	0.0065
			44289	68.00	71.00	3.00	0.14	0.02	0.3	0.0012
			44290	71.00	74.00	3.00	0.08			
			44291	74.00	77.00	3.00	0.09			
			44292	77.00	80.00	3.00	0.07			
81.3m	90.4m	Granodiorite: salmon color, potassic	44293	80.00	83.00	3.00	0.04			
		alteration, scattered fractures with quartz	44294	83.00	86.00	3.00	0.08			
		veins, clay gouge on fracture contacts.	44295	86.00	89.00	3.00	0.07			
90.4m	103.9m	Fault zone: brecciated core fragments with	44296	89.00	92.00	3.00	0.03			
		clay fault gouge along contacts.	44297	92.00	95.00	3.00	0.03			
			44298	95.00	98.00	3.00	0.06			
			44299	98.00	101.00	3.00	0.05			
			44300	101.00	104.00	3.00	0.06			
103.9m	136.7m	Granodiorite: massive to weakly fractured,	44301	104.00	106.00	2.00	0.06			
		scattered quartz stringers.	44302	106.00	108.00	2.00	0.08			
	106.5m	strong specular hematite.	44303	108.00	111.00	3.00	0.06			
	110.1m	2 cm to 3 cm quartz veinlets with associated	44304	111.00	114.00	3.00	0.08			
		disseminated bornite.	44305	114.00	117.00	3.00	0.06			
			44306	117.00	120.00	3.00	0.06			
			44307	120.00	123.00	3.00	0.08			

DIAMOND DRILL C .RE LOG DDH 96C-06

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			44308	123.00	126.00	3.00	0.03			
	126.1m	<1% bornite	44309	126.00	128.00	2.00	0.12			
			44310	128.00	130.00	2.00	0.11	0.01	0.6	0.0140
	130.3m	Aplite Dike: 90 cm thick, pink color.	44311	130.00	132.00	2.00	0.09	0.02	0.3	0.0051
			44312	132.00	134.00	2.00	0.49	0.01	4	0.0128
		>1% bornite with streaks of chalcocite.	44313	134.00	136.00	2.00	0.30	0.01	2.1	0.0050
136.7m	139.7m	Fault zone: brecciated quartz fragments	44314	136.00	139.00	3.00	1.46	0.08	14.2	0.0150
		fractures filled with silica and bornite.								
139.7m	141.4m	Fault zone: brecciated granodiorite with	44315	139.00	142.00	3.00	0.37	0.04	3.3	0.0066
		clay filling the fractures, >1% bornite blebs.	44316	142.00	145.00	3.00	0.22	0.03	1.6	0.0042
141.4m	168.0m	Granodiorite: grey green to rusty pink color.	44317	145.00	148.00	3.00	0.32	0.03	0.9	0.0044
		massive with weak fracturing. moderate blebs	44318	148.00	151.00	3.00	0.24	0.01	1.5	0.0049
		and streaks of bornite, stringers of quartz	44319	151.00	154.00	3.00	0.13	0.02	2.3	0.0006
		with chalcopyrite.	44320	154.00	157.00	3.00	0.06			
	157.0m	Fault zone: brecciated with clay fault gouge.	44321	157.00	161.00	4.00	0.04			
		weakly disseminated chalcopyrite with	44322	161.00	165.00	4.00	0.07			
	163.7m	Fault zone:	44323	165.00	169.00	4.00	0.05			
168.0m	171.0m	Fault zone: brecciated granodiorite with	44324	169.00	173.00	4.00	0.11			
		clay infilling of fractures, disseminated								
		bornite.								
171.0m	194.16m	Granodiorite: fresh appearance, hard, uniform	44325	173.00	177.00	4.00	0.1			
		unbroken, no visible mineralization.	44326	177.00	181.00	4.00	0.03			
			44327	181.00	185.00	4.00	0.03			
	189.1m	Fault: brecciated with clay gouge.	44328	185.00	189.00	4.00	0.03			
	191.7m	trace irregular calcite stringers	44329	189.00	193.00	4.00	0.02			
			44330	193.00	194.16	1.16	0.02			
194.16m		END OF HOLE								

DIAMOND DRILL , ,RE LOG DDH 96C-07

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	39.6m	Overburden: granodiorite boulders								
39.6m	155.3m	Granodiorite: salmon color, potassic alteration	44343	39.62	44.00	4.38	0.02			
		hard, highly fractured core	44344	44.00	48.00	4.00	0.04			
			44345	48.00	52.00	4.00	0.02			
			44346	52.00	56.00	4.00	0.21			
			44347	56.00	59.80	3.80	0.03			
		patchy bornite over 2 cm	44348	59.80	60.80	1.00	0.97			
		irregular vein of bornite mineralization	44349	60.80	65.00	4.20	0.04			
		trace chalcopyrite infilling veinlets.	44350	65.00	69.00	4.00	0.03			
			44351	69.00	73.00	4.00	0.03			
73.7m	84.8m	argillic alteration, overprinting potassic	44352	73.00	77.00	4.00	0.10			
		alteration in brecciated section of core.	44353	77.00	81.00	4.00	0.05			
	79.3m	Fault zone: clay fault gouge.	44354	81.00	85.00	4.00	0.37			
	81.4m	scattered disseminated bornite.	44355	85.00	89.00	4.00	0.14			
	87.0m	coarse blebs of bornite.	44356	89.00	93.00	4.00	0.07			
			44357	93.00	97.00	4.00	0.07			
			44358	97.00	101.00	4.00	0.14			
			44359	101.00	105.00	4.00	0.12			
			44360	105.00	109.00	4.00	0.11			
			44361	109.00	113.00	4.00	0.10			
		trace patches of bornite.	44362	113.00	117.00	4.00	0.11			
			44363	117.00	121.00	4.00	0.14			
		trace blebs of bornite.	44364	121.00	125.00	4.00	0.08			
	129.7m	Fault: clay fault gouge.	44365	125.00	129.00	4.00	0.05			
			44366	129.00	133.00	4.00	0.13			
133.2m	135.8m	Fault zone: brecciated granodiorite with	44367	133.00	137.00	4.00	0.12			
		clay fault gouge filling fractures.	44368	137.00	141.00	4.00	0.10			
		trace disseminated bornite.	44369	141.00	143.00	2.00	0.11			
	143.2m	brecciated granodiorite.	44370	143.00	145.00	2.00	0.27	0.01	0.9	0.0083
		1.5 cm stringers and disseminated bornite	44371	145.00	147.00	2.00	0.65	0.03	3.3	0.0550
			44372	147.00	151.00	4.00	0.47	0.01	6.2	0.0020
			44373	151.00	153.00	2.00	0.39	0.02	12.2	0.0006
			44374	153.00	155.00	2.00	0.51	0.09	13.3	0.0014
155.0m	177.4m	Fault zone: fractured brecciated core with	44375	155.00	157.00	2.00	1.33	0.14	29.1	0.0009
		clayey fault gouge.	44376	157.00	159.00	2.00	0.39	0.07	1.6	0.0011
		scattered coarse bornite.	44377	159.00	163.00	4.00	0.08	0.01	0.1	0.0038

DIAMOND DRILL ... RE LOG DDH 96C-07

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			44378	163.00	167.00	4.00	0.25	0.06	0.6	0.0006
			44379	167.00	169.30	2.30	0.02	0.01	0.1	0.0120
			44380	169.30	171.20	1.90	0.02	0.01	0.1	0.0476
			44381	171.20	175.00	3.80	0.37	0.01	0.5	0.0018
			44382	175.00	177.00	2.00	0.57	0.09	1.2	0.0017
177.4m	182.6m	Granodiorite: pinkish color, weak potassic	44383	177.00	179.00	2.00	0.41	0.01	6.3	0.0024
		alteration. strong specular hematite with	44384	179.00	181.00	2.00	0.30	0.02	1.7	0.0009
		bornite and chalcopyrite.	44385	181.00	183.00	2.00	0.50	0.11	3.2	0.0067
182.6m	186.4m	Fault zone: grey green color, brecciated,	44386	183.00	186.60	3.60	0.47	0.10	2.3	0.0027
		clayey, scattered belbs and stringers of								
		bornite and chalcopyrite.								
186.4m	202.7m	Granodiorite: weak potassic alteration with	44387	186.60	188.00	1.40	0.14	0.03	0.8	0.0024
		localized argillic alteration along fractures.	44388	188.00	192.00	4.00	0.09			
		disseminated bornite and chalcopyrite.	44389	192.00	196.00	4.00	0.06			
	196.6m	fractures infilled with calcite.	44390	196.00	200.00	4.00	0.03			
	200.8m	trace chalcopyrite and molybdenum along	44391	200.00	202.70	2.70	0.03			
		fractures.								
202.7m		END OF HOLE								

DIAMOND DRILL ... RE LOG DDH 96C-08

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	19.5m	Overburden: granodiorite boulders and								
		compacted clay.								
19.5m	38.0m	Granodiorite: very broken, soft and clayey,	44397	19.51	23.00	3.49	0.03			
		limonitic to 23m, changes to pinkish grading	44398	23.00	27.00	4.00	0.04			
		to grey and green, medium grained, uniform	44399	27.00	31.00	4.00	0.06			
		fractured, potassic alteration.	44400	31.00	34.00	3.00	0.08			
			57651	34.00	37.00	3.00	0.02			
38.0m	39.8m	Fault zone: brecciated core, 4mm band of	57652	37.00	41.00	4.00	0.04			
		clay, 50 cm long, soft.								
39.8m	106.1m	Granodiorite: pink, medium grained, massive	57653	41.00	46.00	5.00	0.05			
		uniform, fresh appearance, potassic	57654	46.00	47.70	1.70	0.12			
		alteration.	57655	47.70	52.00	4.30	0.07	0.01	1.0	0.0007
		scattered quartz veins, 5mm to 2cm thick,	57656	52.00	53.00	1.00	0.94	0.01	8.6	0.0017
		weak disseminated chalcopyrite and bornite.	57657	53.00	57.00	4.00	0.02	0.05	0.1	0.0007
	52.5m	15cm band with coarse bornite.	57658	57.00	61.00	4.00	0.03	0.01	0.1	0.0012
			57659	61.00	65.00	4.00	0.04	0.01	0.1	0.0010
			57660	65.00	68.00	3.00	0.19	0.01	1.3	0.0009
		two 5mm stringers with bornite.	57661	68.00	71.00	3.00	0.09	0.01	0.4	0.0011
	71.4m	60cm band with blebs of bornite.	57662	71.00	73.00	2.00	0.45	0.03	2.3	0.0008
	72.9m	2cm quartz stringer with disseminated	57663	73.00	77.00	4.00	0.05	0.01	0.1	0.0008
		bornite and chalcopyrite.	57664	77.00	81.00	4.00	0.17			
	79.6m	5cm quartz vein with chalcopyrite lenses	57665	81.00	85.00	4.00	0.07			
		to 4cm long.	57666	85.00	89.00	4.00	0.06			
			57667	89.00	93.00	4.00	0.09			
			57668	93.00	97.00	4.00	0.06			
			57669	97.00	101.00	4.00	0.06			
	103.9m	Calcite stringers with weak chalcopyrite.	57670	101.00	105.00	4.00	0.07			
	105.5m	10cm clot of dark minerals with bornite.	57671	105.00	106.50	1.50	0.19			
106.1m	148.5m	Granodiorite: fine grained phase, biotite and	57672	106.50	108.00	1.50	0.47			
		hornblende, irregular chalcopyrite along	57673	108.00	112.00	4.00	0.06			
		minute fractures.	57674	112.00	116.00	4.00	0.13			
	113.7m	quartz filled fractures with 2, 3mm stringers	57675	116.00	120.00	4.00	0.03			
		of bornite.	57676	120.00	124.00	4.00	0.09			
	121.5m	Chloritic shear	57677	124.00	128.00	4.00	0.02			

DIAMOND DRILL CORE LOG DDH 96C-08

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		occasional stringers or flecks of bornite	57678	128.00	132.00	4.00	0.05			
	133.4m	1 to 2mm irregular bornite stringers.	57679	132.00	136.00	4.00	0.03			
	137.4m	fractured core, blocky.	57680	136.00	140.00	4.00	0.02			
			57681	140.00	144.00	4.00	0.03			
			57682	144.00	148.00	4.00	0.03			
148.5m	152.8m	Fault zone: brecciated, grey green, clayey,	57683	148.00	150.00	2.00	0.28			
		distinct shear, with scattered bornite.	57684	150.00	152.00	2.00	0.23			
152.8m	162.6m	Granodiorite: mainly pink with patchy grey	57685	152.00	154.00	2.00	0.04			
		green crystals, potassic with localized	57686	154.00	158.00	4.00	0.02			
		argillic alteration, weak fracture density.	57687	158.00	162.00	4.00	0.05			
162.6m	176.48m	Aplite Dike: pink, feldspar and quartz, low	57688	162.00	166.00	4.00	0.01			
		mafic's content, unaltered, fractured, carries	57689	166.00	170.00	4.00	0.08			
		disseminated specular hematite and minor	57690	170.00	174.00	4.00	0.03			
		disseminated bornite.	57691	174.00	176.48	2.48	0.04			
176.48m		END OF HOLE								

ASSAY R_ JLTS 96C-09

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	21.3m	Overburden: casing set at 21.34m								
21.3m	27.7m	Overburden: Mafic boulders and soil with								
		angular rock fragments.								
27.7m	69.8m	Granodiorite: light pinkish grey, highly felsic	63751	27.74	32.00	4.26	0.02			
		very prominent quartz, 15 to 20% mafic's.	63761	32.00	36.00	4.00	0.04			
	35.2m	15cm fine grained mafic dike fractured,	63762	36.00	40.00	4.00	0.05			
		intermixed with granodiorite.	63763	40.00	44.00	4.00	0.10			
			63764	44.00	48.00	4.00	0.04			
			63765	48.00	53.00	5.00	0.03			
	53.0m	3m fractured zone, with bands of chlorite.	63766	53.00	56.00	3.00	0.10			
		disseminated bornite.	63767	56.00	61.80	5.80	0.04			
			63768	61.80	66.00	4.00	0.04			
			63769	66.00	70.00	4.00	0.12			
69.8m	125.2m	Fault zone: strongly fractured, brecciated,	63770	70.00	74.00	4.00	0.17			
		abundant clay with occasional grain or	63771	74.00	78.00	4.00	0.17			
		stringer of bornite.	63772	78.00	82.00	4.00	0.19	0.02	1.0	0.0002
	83.1m	patchy molybdenum over 10cm.	63773	82.00	86.00	4.00	0.31	0.01	1.7	0.0006
	83.1m	4mm stringer of bornite.	63774	86.00	87.50	1.50	0.15	0.01	0.3	0.0010
	87.5m	fractured core with fragments of bornite.	63775	87.50	89.50	2.00	0.96	0.02	4.8	0.0007
		coarse bornite over 15cm.	63776	89.50	93.00	3.50	0.84	0.03	5.5	0.0008
	90.7m	3 to 4mm band of bornite.	63777	93.00	97.00	4.00	0.17	0.01	0.8	0.0014
	99.3m	red hematite altered zone.	63778	97.00	101.00	4.00	0.23	0.53	0.4	0.0012
			63779	101.00	105.00	4.00	0.05	0.01	0.1	0.0008
			63780	105.00	109.00	4.00	0.09	0.01	0.1	0.0008
			63781	109.00	113.00	4.00	0.16	0.01	0.6	0.0019
			63782	113.00	117.00	4.00	0.30	0.02	1.0	0.0012
	117.4m	good bornite over 4cm.	63783	117.00	121.00	4.00	0.29	0.01	1.1	0.0023
	121.1m	4cm of coarse bornite.	63784	121.00	125.00	4.00	0.28	0.01	1.0	0.0011
125.2m	141.0m	Granodiorite: red brown to 129.1m, pinkish	63785	125.00	129.00	4.00	0.42	0.01	2.0	0.0009
		to grey green color, potassic alteration,	63786	129.00	133.00	4.00	0.10	0.01	0.3	0.0099
		fractured core infilled with calcite, stringers	63787	133.00	137.00	4.00	0.49	0.06	3.4	0.0038
		vary up to 1cm thick, scattered blebs of	63788	137.00	139.00	2.00	0.36	0.01	2.1	0.0007
		bornite, stringer of specular hematite 140.6m	63789	139.00	141.00	2.00	0.71	0.01	3.6	0.0066

ASSAY R. JLTS 96C-09

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
141.0m	153.7m	Fault zone: brecciated, clay lining fractures,	63790	141.00	142.50	1.50	0.28	0.01	1.8	0.0027
		bornite occurs in blebs, clots and irregular	63791	142.50	144.50	2.00	1.10	0.04	6.9	0.0118
		stringers and fracture filling.	63792	144.50	148.50	4.00	0.82	0.02	7.5	0.0027
	149.1m	clay fault gouge.	63793	148.50	152.50	4.00	0.75	0.00	7.1	0.0094
153.7m	160.63m	Granodiorite: pink to pinkish grey, fine to	63794	152.50	154.00	1.50	1.26	0.03	12.5	0.0180
		medium grained, potassic with slight argillic	63795	154.00	158.00	4.00	0.06	0.01	0.1	0.0094
		alteration, siliceous.	63796	158.00	160.63	2.63	0.02			
160.63m		END OF HOLE								

DIAMOND DRILL ‹E LOG DDH 96C-10

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	18.9m	Overburden: casing set at 18.9m								
18.9m	27.4m	Overburden: Granodiorite boulders and								
		compacted clay.								
27.4m	38.5m	Granodiorite: oxidized zone, yellow to rust	80051	27.4	30.4	3	0.009			
		streaks and staining, strong potassic alteration	80052	30.4	33.4	3	0.011			
		moderate to intense argillic overprinting of	80053	33.4	36.4	3	0.017			
		potassic alteration, Biotites altered to Chlorite.	80054	36.4	39.4	3	0.025			
38.5m	41.8m	Granodiorite: strong potassic with moderate	80055	39.4	42.4	3	0.009			
		argillic overprinting, feldspars bleached white,	80056	42.4	45.4	3	0.005			
		Biotite altered to Chlorite.								
41.8m	53.9m	Granodiorite: weak potassic with localized	80057	45.4	48.4	3	0.012			
		intense alteration along fracture planes,	80058	48.4	51.4	3	0.009			
		feldspars bleached white.	80059	51.4	54.4	3	0.014			
53.9m	78.3m	Granodiorite: moderate to strong potassic with	80060	54.4	57.4	3	0.021			
		intense argillic alteration along fracture planes,	80061	57.4	60.4	3	0.013			
		biotites altered to chlorite and scattered sericite,	80062	60.4	63.4	3	0.027			
		feldspars starting to appear argillic, scattered	80063	63.4	66.4	3	0.019			
		calcite veinlets.	80064	66.4	69.4	3	0.027			
			80065	69.4	72.4	3	0.012			
			80066	72.4	75.4	3	0.015			
			80067	75.4	78.4	3	0.033			
78.3m	85.0m	Granodiorite: strong potassic alteration with	80068	78.4	81.4	3	0.042			
		argillic overprinting, feldspars bleached white,	80069	81.4	84.4	3	0.110	0.01	0.3	0.0037
		scattered dark green mafic veins along fractures	80070	84.4	87.4	3	0.208	0.01	1.1	0.0032
		scattered calcite veins crosscutting mafic veins								
	82.5m	trace disseminated bornite with mafic and								
		calcite veins.								
	83.5m	specular hematite								
	84.5m	trace disseminated chalcopyrite and bornite								
85.0m	119.0m	Granodiorite: pervasive argillic alteration,	80071	87.4	90.4	3	0.175	0.01	0.3	0.0005
		feldspars have pale green color.	80072	90.4	91.4	1	0.200	0.15	0.0	0.2000
85.0m	96.7m	trace disseminated bornite and chalcopyrite	80073	91.4	92.4	1	0.193	0.01	0.7	0.0002
			80074	92.4	93.4	1	0.096	0.01	0.3	0.0003

DIAMOND DRILL ... .RE LOG DDH 96C-10

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80075	93.4	94.4	1	0.040	0.01	0.1	0.0005
			80076	94.4	95.4	1	0.118	0.01	0.4	0.0019
			80077	95.4	96.4	1	0.169	0.01	0.2	0.0008
96.7m	98.2m	5 cm vein of bornite with chalcopyrite	80078	96.4	97.4	1	0.862	0.04	2.6	0.0017
			80079	97.4	98.4	1	4.560	0.13	37.7	0.0013
88.2m	116.7m	moderate to strong veinlets of bornite and	80080	98.4	99.4	1	0.288	0.02	1.0	0.0005
		chalcopyrite.	80081	99.4	100.4	1	0.123	0.01	0.4	0.0008
			80082	100.4	101.4	1	0.119	0.01	0.6	0.0003
		bornite appears to be associated with chlorite	80083	101.4	102.4	1	0.179	0.01	1.2	0.0006
		and dark green mafic veinlets.	80084	102.4	103.4	1	0.152	0.01	0.4	0.0006
		chalcopyrite and bornite mineralization occurs	80085	103.4	104.4	1	0.190	0.01	1.3	0.0009
		with quartz rich zones within this section of	80086	104.4	105.4	1	1.680	0.10	15.5	0.0019
		core. quartz rich zones have sericite along	80087	105.4	106.4	1	0.576	0.01	5.6	0.0050
		fractures and quartz veins.	80088	106.4	107.4	1	0.251	0.01	2.5	0.0042
			80089	107.4	108.4	1	0.434	0.03	3.6	0.0600
			80090	108.4	109.4	1	3.150	1.74	26.6	0.0004
			80091	109.4	110.4	1	0.724	0.02	5.3	0.0016
			80092	110.4	111.4	1	0.171	0.01	1.0	0.0019
			80093	111.4	112.4	1	0.081	0.01	0.5	0.0073
			80094	112.4	113.4	1	3.340	0.06	24.5	0.0640
			80095	113.4	114.4	1	0.176	0.02	1.2	0.0027
			80096	114.4	115.4	1	0.106	0.01	0.6	0.0007
			80097	115.4	116.4	1	0.633	0.02	2.1	0.0003
116.7m	117.0m	3 cm vein of bornite	80098	116.4	117.4	1	1.340	0.01	12.2	0.0033
			80099	117.4	118.4	1	0.202	0.03	1.2	0.0016
			80100	118.4	119.4	1	0.429	0.01	3.5	0.0016
119.0m	158.8m	Granodiorite: pervasive argillic alteration,	80101	119.4	120.4	1	0.234	0.01	1.9	0.0015
		biotites altered to chlorite and sericite,	80102	120.4	123.4	3	0.104	0.01	0.6	0.0016
		scattered red hematite streaks along fractures.	80103	123.4	124.4	1	0.117	0.01	0.8	0.0021
		weak bornite with trace chalcopyrite and	80104	124.4	125.4	1	0.021	0.01	0.1	0.0012
		molybdenum mineralization.	80105	125.4	126.4	1	0.267	0.01	3.0	0.0001
			80106	126.4	127.4	1	0.588	0.01	5.6	0.0007
			80107	127.4	128.4	1	0.107	0.01	0.5	0.0007
			80108	128.4	129.4	1	0.077	0.01	0.7	0.0080
			80109	129.4	130.4	1	0.015	0.01	0.5	0.0672
			80110	130.4	131.4	1	0.009	0.01	0.1	0.0016
			80111	131.4	132.4	1	0.145	0.01	1.0	0.0012

DIAMOND DRILL ,RE LOG DDH 96C-10

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80112	132.4	133.4	1	0.238	0.01	2.4	0.0043
133.0m	136.0m	Fault breccia	80113	133.4	134.4	1	0.323	0.01	1.6	0.0017
			80114	134.4	135.4	1	0.597	0.01	3.4	0.0007
			80115	135.4	136.4	1	0.740	0.99	1.2	0.0022
			80116	136.4	139.4	3	0.638	0.11	4.5	0.0023
			80117	139.4	142.4	3	0.137	0.01	1.6	0.0010
			80118	142.4	143.4	1	0.093	0.03	0.6	0.0005
			80119	143.4	144.4	1	0.065	0.02	0.5	0.0001
			80120	144.4	145.4	1	0.137	0.04	0.7	0.0018
			80121	145.4	146.4	1	0.095	0.02	0.3	0.0001
			80122	146.4	147.4	1	0.560	0.02	1.4	0.0008
			80123	147.4	148.4	1	0.236	0.04	1.4	0.0036
			80124	148.4	151.4	3	0.184	0.05	1.6	0.0020
			80125	151.4	154.4	3	0.262	0.01	2.2	0.0008
			80126	154.4	157.4	3	0.062	0.02	0.7	0.0018
			80127	157.4	158.4	1	0.177	0.07	1.7	0.0050
158.8m	182.0m	Granodiorite: Strong potassic with localized	80128	158.4	159.4	1	2.000	0.05	6.0	0.0022
		argiilic alteration along fracture planes.	80129	159.4	160.4	1	2.610	0.14	13.5	0.0010
		scattered calcite veins, dark green mafic veins	80130	160.4	161.4	1	0.731	0.05	2.8	0.0027
		carrying specular hematite and bornite.	80131	161.4	162.4	1	0.079	0.01	1.0	0.0008
		mafic veins appear to be crosscut with later	80132	162.4	163.4	1	0.128	0.01	0.5	0.0015
		stage calcite veins.	80133	163.4	164.4	1	0.079	0.02	0.7	0.0005
		strong bornite mineralization occurring in	80134	164.4	165.4	1	0.208	0.01	2.1	0.0003
		veinlets and disseminated blebs.	80135	165.4	166.4	1	0.422	0.02	4.0	0.0004
		scattered specular hematite throughout this	80136	166.4	167.4	1	1.010	0.05	5.5	0.0003
		zone	80137	167.4	168.4	1	0.524	0.03	4.8	0.0001
			80138	168.4	169.4	1	0.715	0.03	3.9	0.0007
			80139	169.4	170.4	1	0.500	0.02	3.9	0.0015
			80140	170.4	171.4	1	1.330	0.03	7.4	0.0008
			80141	171.4	172.4	1	0.229	0.01	2.6	0.0007
			80142	172.4	173.4	1	0.073	0.01	0.2	0.0058
			80143	173.4	174.4	1	0.026	0.01	1.0	0.0003
			80144	174.4	175.4	1	0.801	0.07	8.5	0.0059
			80145	175.4	176.4	1	3.320	0.13	38.8	0.0009
			80146	176.4	177.4	1	1.120	0.03	9.0	0.0062
			80147	177.4	178.4	1	4.450	0.30	36.7	0.0019
			80148	178.4	179.4	1	1.640	0.12	12.4	0.0025

DIAMOND DRILL ,RE LOG DDH 96C-10

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80149	179.4	180.4	1	0.278	0.02	2.8	0.0004
			80150	180.4	181.4	1	1.300	0.03	6.2	0.0001
			80151	181.4	182.4	1	0.307	0.03	3.1	0.0001
182.0m	194.2m	Granodiorite: strong potassic alteration with	80152	182.4	183.4	1	0.036	0.01	0.8	0.0002
		argillic overprinting, bleached feldspars vary	80153	183.4	184.4	1	0.023	0.01	0.1	0.0002
		from pink to white and pale green.	80154	184.4	185.4	1	0.008	0.01	0.9	0.0002
		localized argillic alteration along fracture planes,	80155	185.4	186.4	1	0.095	0.01	0.2	0.0004
		scattered calcite veins.	80156	186.4	187.4	1	0.026	0.01	0.1	0.0002
			80157	187.4	188.4	1	0.052	0.01	0.6	0.0001
			80158	188.4	189.4	1	0.015			
			80159	189.4	190.4	1	0.018			
			80160	190.4	191.4	1	0.024			
			80161	191.4	192.4	1	0.013			
			80162	192.4	193.4	1	0.013			
			80163	193.4	194.4	1	0.012			
194.2m	211.0m	Granodiorite: weak potassic with slight argillic	80164	194.4	197.4	3	0.013			
		alteration along fractures.	80165	197.4	200.4	3	0.013			
		weak alteration of biotites to chlorite. localized	80166	200.4	203.4	3	0.013			
		intense alteration along fractures that contain	80167	203.4	206.4	3	0.013			
		calcite veins	80168	206.4	209.4	3	0.020			
211.0m	216.0m	Granodiorite: pervasive argillic alteration,	80169	209.4	212.4	3	0.018			
		feldspars bleached white, scattered calcite veins	80170	212.4	215.4	3	0.011			
		this core interval appears to have had strong								
		potassic alteration with argillic overprinting.								
		trace chalcopyrite along fracture planes.								
216.0m	257.0m	Granodiorite: appears fresh with slight	80171	215.4	218.4	3	0.051			
		alteration along fractures planes, scattered	80172	218.4	221.4	3	0.032			
		hematite streaks along fractures.	80173	221.4	224.4	3	0.021			
		trace to weak chalcopyrite mineralization	80174	224.4	227.4	3	0.014			
		scattered along fractures.	80175	227.4	230.4	3	0.010			
			80176	230.4	233.4	3	0.008			
			80177	233.4	236.4	3	0.030			
			80178	236.4	239.4	3	0.006			
			80179	239.4	242.4	3	0.008			
			80180	242.4	245.4	3	0.015			

DIAMOND DRILL .RE LOG DDH 96C-10

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80181	245.4	248.4	3	0.029			
			80182	248.4	251.4	3	0.035			
			80183	251.4	254.4	3	0.016			
			80184	254.4	257.4	3	0.014			
257.0m	264.3m	Granodiorite: weak to moderate potassic	80185	257.4	260.4	3	0.026			
		alteration near fractures with intense argillic	80186	260.4	263.4	3	0.046			
		overprinting along fracture planes.								
	261.5m	fault breccia imbedded in a white clay matrix,								
		strong potassic alteration next to fault zone.								
		trace chalcopyrite lining fault.								
264.3m	271.2m	Granodiorite: appears fresh, unaltered.	80187	263.4	266.4	3	0.008			
		trace to weak chalcopyrite along fractures,	80188	266.4	269.4	3	0.010			
		mineralization only occurs in fractures and does	80189	269.4	271.3	1.9	0.019			
		not extend into granodiorite next to fractures.								
271.3m		END OF HOLE								

DIAMOND DRILL RE LOG DDH 96C-11

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	21.6m	Overburden: Casing set at 21.6m								
21.6m	24.2m	Overburden: Granodiorite boulders and								
		compacted clay								
24.2m	26.0m	Granodiorite: oxidized zone, yellow brown	79651	22.0	23.5	1.5	0.065			
		staining, moderate malachite with trace	79652	23.5	25.5	3.0	0.007			
		bornite mineralization.								
26.0m	38.7m	Granodiorite: moderate to strong potassic	79653	26.5	29.6	3.0	0.008			
		alteration along fracture planes. trace	79654	29.6	32.6	3.0	0.010			
		hematite streaks, chlorite alteration	79655	32.6	35.7	3.1	0.014			
		forming scattered veinlets and coats	79656	35.7	38.7	3.0	0.010			
		fracture planes.								
38.7m	43.8m	Granodiorite: moderate potassic alteration	79657	38.7	41.7	3.0	0.012			
		with argillic alteration along fracture planes,	79658	41.7	44.8	3.1	0.006			
		trace red hematite staining along fractures,								
		trace disseminated magnetite.								
43.8m	47.8m	Granodiorite: pervasive argillic overprinting,	79659	44.8	47.8	3.0	0.010			
		sericite along fracture planes, trace red								
		hematite streaks along fracture planes.								
47.8m	61.0m	Granodiorite: weak with strong potassic	79660	47.8	50.9	3.1	0.005			
		alteration along fracture planes, trace green	79661	50.9	53.9	3.0	0.029			
		chlorite veinlets, scattered red hematite	79662	53.9	57.0	3.1	0.025			
		streaks, moderate fracture density, trace	79663	57.0	60.0	3.0	0.010			
		disseminated chalcopyrite.								
61.0m	66.0m	Granodiorite: strong argillic alteration	79664	60.0	63.1	3.1	0.008			
		overprinting potassic alteration, strong	79665	63.1	66.1	3.0	0.015			
		alteration to clay, feldspars bleached white,								
		trace disseminated chalcopyrite.								
66.0m	93.6m	Granodiorite: weak with strong potassic	79666	66.1	69.2	3.1	0.036			
		alteration next to fracture planes, sericite	79667	69.2	72.2	3.0	0.017			
		alteration along fractures, trace green	79668	72.2	75.3	3.1	0.028			
		chlorite veinlets, scattered red hematite	79669	75.3	78.3	3.0	0.015			

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		streaks, moderate fracture density,	79670	78.3	81.4	3.1	0.068			
		trace disseminated chalcopyrite.	79671	81.4	84.4	3.0	0.017			
			79672	84.4	87.5	3.1	0.022			
			79673	87.5	90.5	3.0	0.022			
			79674	90.5	93.6	3.1	0.007			
93.6m	126.4m	Granodiorite: pervasive argillic alteration	79675	93.6	96.6	3.0	0.019			
		overprinting potassic alteration, feldspars	79676	96.6	97.7	1.1	0.021	0.03	0.1	0.003
		bleached white, color of clay alteration vary	79677	99.7	102.7	3.0	0.156	0.03	0.1	0.020
		from pale white to light grey and pale green	79678	102.7	105.8	3.1	0.082	0.03	0.4	0.009
		weak specular hematite mineralization	79679	105.8	108.8	3.0	0.041	0.03	0.1	0.000
		with trace bornite.	79680	108.8	111.9	3.1	0.417	0.03	2.3	0.000
		moderate molybdenum mineralization along	79681	111.9	115.0	3.1	0.279	0.03	1.5	0.001
		fractures.	79682	115.0	118.0	3.0	0.235	0.03	1.8	0.001
			79683	118.0	121.0	3.0	0.141	0.03	0.8	0.001
123.9m	124.4m	strong bornite and specular hematite	79684	121.0	124.1	3.1	0.327	0.03	2.6	0.002
			79685	124.1	127.1	3.0	0.115	0.03	0.4	0.001
126.4m	132.8m	Granodiorite: strong potassic with patchy	79686	127.1	130.1	3.0	0.130	0.03	0.5	0.001
		weak to intense argillic alteration, trace	79687	130.1	131.7	1.0	0.095	0.03	0.7	0.001
		calcite veins, weak specular hematite	79688	131.7	132.1	1.0	0.075	0.03	0.1	0.000
		mineralization.	79689	132.1	133.2	1.1	0.731	0.03	7.9	0.001
132.8m	139.8m	Granodiorite: pervasive argillic alteration,	79690	133.2	134.2	1.0	1.000	0.13	7.4	0.001
		biotites altered to chlorite, trace magnetite,	79691	134.2	135.2	1.0	2.390	0.11	21.3	0.001
		strong bornite and chalcopyrite	79692	135.2	136.2	1.0	0.022	0.03	0.1	0.001
		chalcopyrite associated with quartz veins.	79693	136.2	139.3	3.1	0.082	0.03	0.3	0.001
139.8m	157.6m	Granodiorite: strong potassic with	79694	139.3	140.4	1.1	0.075	0.03	0.1	0.001
		localized intense argillic alteration,	79695	140.4	141.4	1.0	0.801	3.45	6.8	0.001
		feldspars bleached white, trace slickensides	79696	141.4	142.4	1.0	0.051	0.03	0.1	0.001
		with red hematite staining, moderate	79697	142.4	145.4	3.0	0.064	0.03	0.1	0.002
		fracture density.	79698	145.4	148.4	3.0	0.036	0.03	0.1	0.003
		trace specular hematite.	79699	148.5	151.5	3.0	0.079	0.03	0.1	0.006
			79700	151.5	154.5	3.0	0.057	0.03	0.1	0.001
			79701	154.5	157.6	3.1	0.038	0.03	0.1	0.004
157.6m	179.3m	Granodiorite: pervasive argillic alteration,	79702	157.6	160.6	3.0	0.050	0.03	0.1	0.001

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		color varies from very light grey to pale	79703	160.6	163.7	3.1	0.062	0.03	0.1	0.049
		green, trace quartz veins.	79704	163.7	164.7	1.0	0.046	0.03	0.3	0.028
		moderate to disseminated to thin veinlets	79705	164.7	165.7	1.0	0.046	0.03	0.4	0.129
		of bornite.	79706	165.7	166.7	1.0	0.094	0.03	0.1	0.003
		weak disseminated chalcopyrite.	79707	166.7	167.7	1.0	0.215	0.03	0.5	0.036
		strong molybdenum mineralization along	79708	167.7	168.7	1.0	0.278	0.03	0.1	0.001
		fractures.	79709	168.7	169.8	1.1	0.688	0.22	1.0	0.081
		weak stringers of specular hematite with	79710	169.8	172.8	3.0	0.322	0.03	6.3	0.005
		trace bornite and chalcopyrite.	79711	172.8	173.8	1.0	0.152	0.03	0.6	0.001
			79712	173.8	174.8	1.0	1.460	0.12	14.1	0.001
			79713	174.8	175.9	1.1	0.290	0.03	1.7	0.000
			79714	175.9	176.9	1.0	0.329	0.06	2.3	0.000
			79715	176.9	177.9	1.0	0.020	0.03	0.1	0.002
			79716	177.9	178.9	1.0	0.150	0.05	0.8	0.010
			79717	178.9	179.9	1.0	0.150	0.03	0.8	0.025
179.3m	190.6m	Aplite Dike: salmon color, strong potassic	79718	179.9	182.0	2.1	0.566	0.04	5.1	0.012
		with localized intense argillic alteration,	79719	182.0	183.0	1.0	0.353	0.03	1.0	0.003
		intense fracturing of core.	79720	183.0	184.0	1.0	0.179	0.03	1.1	0.003
		moderate disseminated bornite with weak	79721	184.0	185.0	1.0	0.032	0.03	0.3	0.002
		chalcopyrite occurring in thin veinlets and	79722	185.0	188.1	3.1	0.025	0.03	0.1	0.014
		disseminated patches.	79723	188.1	189.1	1.0	0.102	0.15	0.2	0.078
		trace molybdenum along fractures.	79724	189.1	190.1	1.0	0.259	0.03	0.1	0.005
			79725	190.1	191.1	1.0	0.499	0.03	1.0	0.018
190.6m	200.4m	Granodiorite: pervasive argillic alteration,	79726	191.1	192.1	1.0	0.209	0.03	0.9	0.023
		soapy feeling to core, trace thin open	79727	192.1	193.1	1.0	0.349	0.07	0.1	0.008
		fractures.	79728	193.1	194.2	1.1	0.230	0.03	0.1	0.036
		moderate to strong massive to	79729	194.2	195.2	1.0	0.303	0.31	1.3	0.016
		disseminated chalcopyrite with weak	79730	195.2	196.2	1.0	0.785	0.16	0.1	0.001
		bornite mineralization.	79731	196.2	197.2	1.0	1.250	0.08	11.1	0.037
			79732	197.2	198.2	1.0	0.032	0.03	1.0	0.101
			79733	198.2	199.2	1.0	0.009	0.03	0.1	0.002
			79734	199.2	200.2	1.0	0.037	0.03	0.1	0.002
200.4m	216.5m	Aplite Dike: pervasive argillic overprinting	79735	200.2	201.2	1.0	0.018	0.03	0.1	0.013
		of potassic alteration, trace quartz veins	79736	201.2	202.2	1.0	0.058	0.03	0.1	0.007
		with open fractures, intense fracturing of	79737	202.2	203.?	1.1	0.019	0.10	0.1	0.010

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		core.	79738	203.3	206.3	3.0	0.018	0.03	0.5	0.312
		strong bornite mineralization.	79739	206.3	207.3	1.0	0.203	0.03	3.9	0.326
203.5m	207.5m	strong molybdenum mineralization along	79740	207.3	208.3	1.0	0.311	0.03	5.0	0.202
		fractures.	79741	208.3	209.4	1.1	0.333	0.03	1.4	0.017
			79742	209.4	210.4	1.0	0.007	0.03	0.1	0.001
			79743	210.4	211.4	1.0	0.016	0.03	0.1	0.083
			79744	211.4	212.4	1.0	0.202	0.03	1.0	0.005
			79745	212.4	213.4	1.0	0.248	0.03	1.0	0.014
			79746	213.4	214.4	1.0	2.090	0.13	18.6	0.001
			79747	214.4	215.5	1.1	2.290	0.10	15.6	0.004
			79748	215.5	216.5	1.0	1.190	0.08	7.6	0.061
216.5m	230.7m	Granodiorite: strong potassic with moderate	79749	216.5	217.5	1.0	4.360	0.29	30.6	0.001
		to intense argillic alteration next to	79750	217.5	218.5	1.0	3.020	0.30	16.6	0.007
		fractures, bleaching of feldspars, trace	79751	218.5	219.5	1.0	0.484	0.09	2.7	0.002
		scattered chlorite veinlets.	79752	219.5	220.5	1.0	0.303	0.03	2.1	0.000
		strong bornite mineralization with weak	79753	220.5	221.6	1.1	0.173	0.03	0.9	0.005
		molybdenum along fractures.	79754	221.6	224.6	3.0	0.176	0.03	1.5	0.008
			79755	224.6	225.6	1.0	0.055	0.03	0.7	0.004
			79756	225.6	226.6	1.0	0.147	0.03	0.2	0.031
			79757	226.6	227.7	1.1	0.020	0.03	0.1	0.006
			79758	227.7	228.7	1.0	0.035	0.03	0.1	0.052
			79759	228.7	229.7	1.0	0.092	0.03	0.1	0.032
			79760	229.7	230.7	1.0	0.321	0.03	1.3	0.044
230.7m	245.0m	Aplite Dike: pervasive argillic overprinting	79761	230.7	231.7	1.0	0.360	0.03	2.4	0.027
		of potassic alteration, scattered quartz	79762	231.7	232.7	1.0	0.074	0.03	0.3	0.079
		veins, intense fracturing.	79763	232.7	233.8	1.1	0.020	0.03	0.1	0.185
		moderate disseminated bornite	79764	233.8	234.8	1.0	0.151	0.03	1.0	0.008
		mineralization.	79765	234.8	235.8	1.0	0.162	0.03	1.2	0.014
			79766	235.8	236.8	1.0	0.018	0.03	0.1	0.089
			79767	236.8	239.9	3.1	0.166	0.03	0.7	0.012
			79768	239.9	242.9	3.0	0.260	0.03	1.0	0.017
			79769	242.9	246.0	3.1	0.071	0.03	0.1	0.004
245.0m	258.2m	Granodiorite: strong potassic alteration with	79770	246.0	249.0	3.0	0.088	0.03	0.3	0.011
		moderate argillic overprinting bleaching	79771	249.0	252.1	3.1	0.057			
		feldspars white.	79772	252.1	255.1	3.0	0.029			

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FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			79773	255.1	256.1	3.0	0.331			
			79774	256.1	257.1	1.0	0.034			
			79775	257.1	258.2	1.1	0.004			
258.2m	292.0m	Granodiorite: pervasive argillic alteration,	79776	258.2	261.2	3.0	0.028			
		biotites altered to sericite, scattered	89777	261.2	264.3	3.1	0.034			
		chlorite veinlets.	79778	264.3	267.3	3.0	0.015			
	259.6m	fault breccia.	79779	267.3	270.4	3.1	0.014			
		trace disseminated bornite and	79780	270.4	273.4	3.0	0.020			
		chalcopyrite.	79781	273.4	276.5	3.1	0.004			
			79782	276.5	279.5	3.0	0.010			
			79783	279.5	282.5	3.0	0.051			
			79784	282.5	285.6	3.1	0.004			
			79785	285.6	288.6	3.0	0.006			
			79786	288.6	291.7	3.1	0.053			
292.0m	298.6m	Granodiorite: strong potassic with localized	79787	291.7	294.7	3.0	0.039			
		argillic alteration along fractures, biotites	79788	294.7	297.8	3.1	0.015			
		altered to chlorite.	79789	297.8	300.8	3.0	0.030			
		trace disseminated bornite.								
298.6m	320.3m	Granodiorite: strong potassic with moderate	79790	300.8	303.9	3.1	0.007			
		to pervasive argillic overprinting, intense	79791	303.9	306.9	3.0	0.026			
		bleaching of feldspars, biotites altered to	79792	306.9	310.0	3.1	0.022			
		sericite, white to pale grey green color.	79793	310.0	313.0	3.0	0.046			
		trace disseminated magnetite.	79794	313.0	316.1	3.1	0.032			
			79795	316.1	319.1	3.0	0.028			
320.3m	325.2m	Fault Zone: Clay, intense alteration,	79796	319.1	322.2	3.1	0.026			
		medium grey to pale green color, trace	79797	322.2	325.2	3.0	0.036			
		quartz grains imbedded in a clay matrix,								
		slickensides.								
325.2m		END OF HOLE								

DIAMOND DRILL .RE LOG DDH 96C-12

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	23.9m	Overburden: casing set at 23.9m								
23.5m	23.9m	Granodiorite: Oxidized zone, rust yellow	79801	23.5	26.5	3.0	0.013	0.005	0.2	0.0002
		color, feldspars weathered white,								
		biotites appear unaltered.								
23.9m	24.3m	Lamporphyre Dike: dark green color,								
		composed of mafic minerals and quartz,								
		unaltered.								
24.3m	25.6m	Granodiorite: Oxidized zone, rust yellow								
		color, pervasive argillic alteration, total								
		overprinting of original rock fabric.								
25.6m	89.7m	Granodiorite: pervasive argillic overprinting	79802	26.5	29.6	3.1	0.016	0.005	0.2	0.0007
		potassic alteration, light grey color to	79803	29.6	32.6	3.0	0.010	0.005	0.2	0.0003
		core, feldspars bleached white to grey,	79804	32.6	35.6	3.0	0.110	0.006	0.2	0.0002
		scattered rust streaks along fractures,	79805	35.6	38.6	3.0	0.027	0.005	0.4	0.0010
		scattered calcite veins, high clay content,	79806	38.6	41.6	3.0	0.016	0.005	0.2	0.0002
		no original rock fabric visible.	79807	41.6	44.6	3.0	0.015	0.005	0.2	0.0002
28.7m	29.0m	Fault zone: dark grey colored clay.	79808	44.6	47.6	1.0	0.048	0.005	0.2	0.0004
46.7m	55.6m	Shear zone: medium grey color,	79809	47.6	50.6	3.0	0.022	0.005	0.2	0.0003
		scattered calcite veins.	79810	50.6	53.6	3.0	0.011	0.005	0.2	0.0002
		This core interval appears to be a large	79811	53.6	56.6	3.0	0.010	0.005	0.2	0.0002
		shear zone with scattered calcite veins,	79812	56.6	59.6	3.0	0.013	0.005	0.2	0.0034
		rock fabric is totally altered with short	79813	59.6	62.6	3.0	0.057	0.005	0.2	0.0028
		sections of core containing original rock	79814	62.6	65.6	3.0	0.016	0.005	0.2	0.0003
		fabric, intense argillic alteration.	79815	65.6	68.6	3.0	0.024	0.005	0.2	0.0026
		trace disseminated chalcopyrite.	79816	68.6	71.6	3.0	0.036	0.005	0.2	0.0013
			79817	71.6	74.6	3.0	0.009	0.005	0.2	0.0003
			79818	74.6	77.6	3.0	0.012	0.005	0.2	0.0005
			79819	77.6	80.6	3.0	0.013	0.005	0.2	0.0006
			79820	80.6	83.6	3.0	0.015	0.005	0.2	0.0008
			79821	83.6	86.6	3.0	0.038	0.005	0.2	0.0008
89.7m	121.6m	Granodiorite: strong potassic alteration,	79822	86.6	89.6	3.0	0.035	0.005	0.2	0.0015
		salmon color with minor sections of light	79823	89.6	92.6	3.0	0.051	0.005	0.2	0.0011
		grey to grey green alteration, feldspars	79824	92.6	95.6	3.0	0.027	0.006	0.2	0.0003

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		bleached white by intense argillic	79825	95.6	98.6	3.0	0.007	0.005	0.2	0.0002
		alteration along fractures, biotites altered	79826	98.6	101.6	3.0	0.019	0.008	0.2	0.0010
		to chlorite with sericite along fractures.	79827	101.6	104.6	3.0	0.180	0.007	0.2	0.0067
		moderate to strong disseminated bornite	79828	104.6	107.6	3.0	0.244	0.011	1.1	0.0009
		and chalcopyrite.	79829	107.6	110.6	3.0	0.132	0.009	0.2	0.0005
			79830	110.6	113.6	3.0	0.124	0.014	0.2	0.0009
			79831	113.6	116.6	3.0	0.017	0.005	0.2	0.0002
			79832	116.6	119.6	3.0	0.400	0.005	0.7	0.0014
			79833	119.6	120.6	1.0	0.445	0.028	2	0.0025
			79834	120.6	121.6	1.0	0.480	0.021	2.2	0.0022
121.6m	122.0m	Aplite Dike: strong potassic alteration	79835	121.6	122.6	1.0	0.665	0.093	2.1	0.0049
		bornite with minor chalcopyrite.								
122.0m	151.9m	Granodiorite: strong potassic alteration,	79836	122.6	123.6	1.0	0.276	0.005	0.6	0.0018
		localized pervasive argillic alteration, this	79837	123.6	124.6	1.0	0.058	0.005	0.3	0.0003
		section of core appears to have more	79838	124.6	125.6	1.0	1.310	0.069	12.5	0.0005
		argillic alteration then previous section.	79839	125.6	126.6	1.0	0.840	0.043	7.4	0.0010
		scattered calcite veins.	79840	126.6	127.6	1.0	0.270	0.01	2.1	0.0400
124.0m	127.0m	pervasive argillic alteration, pale green	79841	127.6	128.6	1.0	0.224	0.009	2.7	0.0740
		color, quartz rich zone with strong bornite	79842	128.6	129.6	1.0	0.184	0.005	0.4	0.0009
		and trace molybdenum.	79843	129.6	130.6	1.0	0.266	0.015	1.5	0.0004
		moderate to strong bornite and	79844	130.6	131.6	1.0	0.029	0.006	0.2	0.0002
		chalcopyrite mineralization.	79845	131.6	132.6	1.0	0.043	0.005	0.2	0.0002
			79846	132.6	133.6	1.0	0.084	0.005	0.2	0.0002
			79847	133.6	134.6	1.0	0.042	0.005	0.2	0.0014
			79848	134.6	135.6	1.0	0.028	0.005	0.2	0.0033
			79849	135.6	136.6	1.0	0.049	0.007	0.2	0.0006
			79850	136.6	137.6	1.0	0.203	0.017	0.7	0.0022
			80201	137.6	138.6	1.0	0.079	0.005	0.2	0.0003
			80202	138.6	139.6	1.0	0.055	0.005	0.2	0.0005
			80203	139.6	140.6	1.0	0.019	0.006	0.2	0.0048
			80204	140.6	141.6	1.0	0.080	0.005	0.2	0.0012
			80205	141.6	142.6	1.0	0.011	0.005	0.2	0.0006
			80206	142.6	145.6	3.0	0.091	0.005	0.2	0.0031
			80207	145.6	148.6	3.0	0.100	0.005	0.3	0.0044
			80208	148.6	151.6	3.0	0.032	0.005	0.2	0.0021

DIAMOND DRILL ‹E LOG DDH 96C-12

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
151.9m	152.9m	Mafic Dike: (Actinolite or Tremolite) dark	80209	151.6	154.6	3.0	0.102	0.021	0.9	0.0069
		green color, soapy feeling to core, trace								
		calcite veins.								
		possible molybdenum mineralization.								
152.9m	165.3m	Granodiorite: pervasive argillic alteration,	80210	154.6	157.6	3.0	0.034	0.005	0.3	0.0002
		white to light grey color, no recognizable	80211	157.6	160.6	3.0	0.173	0.015	1.9	0.0006
		rock fabric.	80212	160.6	163.6	3.0	0.045	0.015	0.2	0.0004
			80213	163.6	166.6	3.0	0.072	0.006	0.5	0.0002
165.3m	186.9m	Granodiorite: weak to moderate with	80214	166.6	169.6	3.0	0.084	0.012	0.4	0.0003
		localized strong potassic alteration,	80215	169.6	172.6	3.0	0.270	0.011	2.3	0.0003
		scattered argillic alteration along fractures	80216	172.6	175.6	3.0	0.036	0.005	0.2	0.0004
		trace calcite veins.	80217	175.6	178.6	3.0	0.015	0.005	0.2	0.0002
		trace to very weak disseminated bornite	80218	178.6	181.6	3.0	0.044	0.005	0.3	0.0004
		and chalcopyrite with trace molybdenum.	80219	181.6	184.6	3.0	0.037	0.005	0.2	0.0006
			80220	184.6	187.6	3.0	0.031	0.005	0.2	0.0201
186.9m	188.0m	Fault zone: clay, medium to dark grey,	80221	187.6	190.6	3.0	0.034	0.005	0.2	0.0470
		friable, trace interbedded altered feldspars								
		trace slickensides								
188.0m	200.3m	Granodiorite: weak to trace moderate	80222	190.6	193.6	3.0	0.038	0.005	0.2	0.0004
		potassic alteration along fractures.	80223	193.6	196.6	3.0	0.029	0.005	0.2	0.0065
			80224	196.6	199.6	3.0	0.030	0.005	0.2	0.0035
200.3m	221.6m	Granodiorite: strong potassic alteration,	80225	199.6	202.6	3.0	0.046	0.007	0.2	0.0044
		patchy strong to intense argillic alteration	80226	202.6	205.6	3.0	0.034	0.005	0.2	0.0023
		white to salmon color, biotites altered to	80227	205.6	208.6	3.0	0.050	0.005	0.2	0.0008
		chlorite and sericite.	80228	208.6	211.6	3.0	0.105	0.012	0.2	0.0021
		Weak chalcopyrite with trace	80229	211.6	214.6	3.0	0.103	0.014	0.6	0.0071
		disseminated bornite occurring in veinlets	80230	214.6	217.6	3.0	0.171	0.013	0.8	0.0049
		and disseminated mineralization.	80231	217.6	218.6	1.0	0.520	0.06	7.5	0.0016
			80232	218.6	219.6	1.0	0.275	0.038	3.3	0.0012
			80233	219.6	220.6	1.0	2.690	0.248	20	0.0008
			80234	220.6	221.6	1.0	0.540	0.034	3.4	0.0002
221.6m	264.3m	Granodiorite: strong potassic alteration,	80235	221.6	224.6	3.0	0.045	0.005	0.3	0.0002

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		salmon color, moderate to localized	80236	224.6	227.6	3.0	0.110	0.008	0.9	0.0004
		pervasive patchy argillic alteration.	80237	227.6	230.6	3.0	0.068	0.005	0.3	0.0010
		sericite developed along fractures.	80238	230.6	233.6	3.0	0.116	0.008	0.6	0.0105
		trace to weak molybdenum along	80239	233.6	236.6	3.0	0.046	0.007	0.2	0.0008
		fractures, trace disseminated bornite.	80240	236.6	239.6	3.0	0.032	0.005	0.2	0.0003
			80241	239.6	242.6	3.0	0.060	0.01	0.2	0.0014
			80242	242.6	245.6	3.0	0.065	0.008	0.2	0.0006
			80243	245.6	248.6	3.0	0.063	0.007	0.2	0.0021
			80244	248.6	251.6	3.0	0.201	0.017	1.3	0.0015
			80245	251.6	254.6	3.0	0.133	0.016	0.7	0.0143
			80246	254.6	257.6	3.0	0.047	0.005	0.2	0.0028
			80247	257.6	260.6	3.0	0.019	0.005	0.2	0.0006
			80248	260.6	263.6	3.0	0.035	0.005	0.2	0.0003
264.3m	284.3m	Granodiorite: weak to moderate potassic	80249	263.6	266.6	3.0	0.021	0.005	0.2	0.0003
		alteration, scattered localized strong	80250	266.6	269.6	3.0	0.079	0.006	0.2	0.0110
		potassic alteration along fractures, fresh	80251	269.6	272.6	3.0	0.016	0.005	0.2	0.0007
		biotites with some alteration to chlorite,	80252	272.6	275.6	3.0	0.020	0.08	0.2	0.0010
		trace hematite streaks along fractures.	80253	275.6	278.6	3.0	0.019	0.005	0.2	0.0024
		trace disseminated chalcopyrite and	80254	278.6	281.6	3.0	0.013	0.005	0.2	0.0114
		bornite.	80255	281.6	284.6	3.0	0.038	0.005	0.2	0.0004
284.3m	300.8m	Granodiorite: strong potassic with weak	80256	284.6	287.6	3.0	0.069	0.005	0.2	0.0007
		to moderate argillic alteration along	80257	287.6	290.6	3.0	0.059	0.008	0.2	0.0014
		fractures, feldspars bleached white.	80258	290.6	293.6	3.0	0.038	0.005	0.2	0.0014
		trace molybdenum along fractures.	80259	293.6	296.6	3.0	0.016	0.005	0.2	0.0030
			80260	296.6	299.6	3.0	0.087	0.007	0.3	0.0044
300.8m	308.6m	Granodiorite: strong potassic with	80261	299.6	302.6	3.0	0.060	0.006	0.2	0.0008
		localized pervasive argillic alteration along	80262	302.6	305.6	3.0	0.032	0.005	0.2	0.0014
		fractures.	80263	305.6	308.6	3.0	0.007	0.005	0.2	0.0004
308.6m	319.7m	Fault zone: clay, medium grey green,	80264	308.6	311.6	3.0	0.068	0.006	0.2	0.0026
		friable, slickensides, trace hematite	80265	311.6	314.6	3.0	0.118	0.007	0.6	0.0004
		streaks along fractures.	80266	314.6	317.6	3.0	0.085	0.008	0.5	0.0007
			80267	317.6	320.6	3.0	0.047	0.005	0.2	0.0004
319.7m	325.3m	Granodiorite: strong potassic alteration,	80268	320.6	323.6	3.0	0.034	0.005	0.2	0.0004

DIAMOND DRILL . .RE LOG DDH 96C-12

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		moderate to strong argillic overprinting,	80269	323.6	325.2	1.6	0.007	0.005	0.2	0.0002
		feldspars bleached white.								
		trace disseminated bornite.								
325.2m		END OF HOLE								

DIAMOND DRILL RE LOG DDH 96C-13

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	31.7m	Overburden: casing set at 31.7m								
31.7m	33.4m	Granodiorite: oxidized zone, rust yellow	80401	31.7	34.7	3	0.487	0.03	2.6	0.0010
		streaks, strong potassic alteration, weak								
		disseminated molybdenum with moderate								
		malachite and disseminated bornite.								
33.4m	51.0m	Granodiorite: salmon with patchy white to	80402	34.7	37.7	3	0.076	0.03	0.1	0.0008
		light grey color, strong potassic alteration,	80403	37.7	40.7	3	0.917	0.03	5.5	0.0080
		with patchy argillic overprinting,	80404	40.7	43.7	3	0.369	0.03	2.0	0.0006
35.0m	35.6m	Fault zone: clay, grey green color, slickensides	80405	43.7	46.7	3	0.094	0.03	0.6	0.0003
	43.4m	10cm fracture filled with brecciated quartz,	80406	46.7	49.7	3	0.207	0.03	1.5	0.0029
		strong bornite and native copper showing.	80407	49.7	52.7	3	0.056	0.03	0.2	0.0009
		moderate to strong disseminated and stringers								
		of bornite.								
51.0m	59.0m	Granodiorite: color varies from salmon pink to	80408	52.7	55.7	3	0.022	0.03	0.1	0.0011
		white, strong potassic with argillic overprinting,	80409	55.7	58.7	3	0.069	0.03	0.3	0.0046
		appears to be a fault zone abundant brecciated	80410	58.7	61.7	3	0.206	0.03	1.5	0.0003
		rock fragments. trace disseminated bornite.								
59.0m	96.0m	Granodiorite: white, pervasive argillic alteration,	80411	61.7	64.7	3	0.032	0.03	0.4	0.0001
		large sections of core reduced to rubble.	80412	64.7	67.7	3	0.052	0.03	0.4	0.0003
		(due to intense clay alteration.)	80413	67.7	70.7	3	0.174	0.03	1.2	0.0017
			80414	70.7	73.7	3	0.166	0.03	1.1	0.0034
			80415	73.7	76.7	3	0.015			
			80416	76.7	79.7	3	0.013			
			80417	79.7	82.7	3	0.026			
			80418	82.7	85.7	3	0.119			
			80419	85.7	88.7	3	0.029			
			80420	88.7	91.7	3	0.021			
			80421	91.7	94.7	3	0.023			
			80422	94.7	97.7	3	0.010			
96.0m	135.3m	Granodiorite: strong potassic with argillic	80423	97.7	100.7	3	0.012			
		overprinting, massive shear zone, fault breccia	80424	100.7	103.7	3	0.007			
		spread throughout this section of core,	80425	103.7	106.7	3	0.003			
		slickensides with red hematite streaks.	80426	106.7	109.7	3	0.005			

DIAMOND DRILL RE LOG DDH 96C-13

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80427	109.7	112.7	3	0.004			
			80428	112.7	115.7	3	0.007			
			80429	115.7	118.7	3	0.004			
			80430	118.7	121.7	3	0.016			
			80431	121.7	124.7	3	0.009			
			80432	124.7	127.7	3	0.005			
			80433	127.7	130.7	3	0.006			
			80434	130.7	133.7	3	0.005			
			80435	133.7	136.7	3	0.028			
135.3m	159.3m	Granodiorite: salmon to light grey color, strong	80436	136.7	139.7	3	0.016			
		potassic with patchy argillic alteration,	80437	139.7	142.7	3	0.040			
		numerous slickensides with hematite streaks,	80438	142.7	145.7	3	0.020			
		trace calcite veins.	80439	145.7	148.7	3	0.032			
145.4m	146.3m	Fault zone: clay developed along shear planes,	80440	148.7	151 7	3	0.013			
		brecciated calcite fragments.	80441	151.7	154.7	3	0.010			
151.5m	152.0m	Fault zone:	80442	154.7	157.7	3	0.006			
			80443	157.7	160.7	3	0.005			
159.3m	171.2m	Granodiorite: pervasive argillic alteration,	80444	160.7	163.7	3	0.004			
		total overprinting.	80445	163.7	166.7	3	0.004			
			80446	166.7	169.7	3	0.016			
			80447	169.7	172.7	3	0.006			
171.2m	192.0m	Granodiorite: weak potassic with argillic	80448	172.7	175.7	3	0.008			
		alteration along fractures.	80449	175.7	178.7	3	0.004			
			80450	178.7	181.7	3	0.112			
			80452	181.7	184.7	3	0.137			
			80453	184.7	187.7	3	0.097			
			80454	187.7	190.7	3	0.059			
192.0m	221.6m	Granodiorite: freash appearence with weak clay	80455	190.7	193.7	3	0.036			
		alteration along fractures.	80456	193.7	196.7	3	0.032			
		trace disseminated chalcopyrite.	80457	196.7	199.7	3	0.021			
			80458	199.7	202.7	3	0.043			
			80459	202.7	205.7	3	0.038			
			80460	205.7	208.7	3	0.017			
			80461	208.7	211.7	3	0.022			

DIAMOND DRILL C .RE LOG DDH 96C-13

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80462	211.7	214.7	3	0.009			
			80463	214.7	217.7	3	0.014			
			80464	217.7	220.7	3	0.004			
221.6m	239.9m	Granodiorite: strong argillic alteration	80465	220.7	223.7	3	0.005			
		overprinting potassic alteration, scattered fault	80466	223.7	226.7	3	0.006			
		breccia throughout this core interval.	80467	226.7	229.7	3	0.009			
		trace rust colored streaks along fractures.	80468	229.7	232.7	3	0.011			
			80469	232.7	235.7	3	0.008			
			80470	235.7	238.7	3	0.008			
			80471	238.7	239.9	1.2	0.018			
239.9m		END OF HOLE								

DIAMOND DRILL RE LOG DDH 96C-14

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	17.4m	Overburden: casing set at 17.4m								
17.4m	54.2m	Granodiorite: appears fresh with trace	80301	17.4	20.4	3	0.014			
		weak potassic alteration along fractures.	80302	20.4	23.4	3	0.012			
			80303	23.4	26.4	3	0.016			
			80304	26.4	29.4	3	0.023			
			80305	29.4	30.4	1	0.014			
			80306	30.4	31.4	1	0.008			
			80307	31.4	34.4	3	0.010			
			80308	34.4	37.4	3	0.012			
			80309	37.4	40.4	3	0.024			
			80310	40.4	43.4	3	0.010			
			80311	43.4	47.4	3	0.010			
			80312	47.4	50.4	3	0.010			
			80313	50.4	53.4	3	0.007			
54.2m	75.5m	Granodiorite: fresh appearence with	80314	53.4	57.4	3	0.033			
		moderate to strong potassic alteration	80315	57.4	60.4	3	0.034			
		along fractures.	80316	60.4	63.4	3	0.006			
56.0m	56.2m	20 cm thick vein of calcite.	80317	63.4	66.4	3	0.003			
		trace disseminated bornite.	90318	66.4	69.4	3	0.019			
			80319	69.4	72.4	3	0.004			
			80320	72.4	75.4	3	0.016			
75.5m	90.5m	Granodiorite: fresh, trace potassic	80321	75.4	78.4	3	0.011			
		alteration along fractures.	80322	78.4	81.4	3	0.019			
		trace calcite veins.	80323	81.4	84.4	3	0.007			
			80324	84.4	87.4	3	0.017			
			80325	87.4	90.4	3	0.021			
90.5m	123.5m	Granodiorite: strong potassic alteration	80326	90.4	93.4	3	0.032			
		with patchy weak to moderate argillic	80327	93.4	96.4	3	0.026			
		overprinting, color varies from salmon to	80328	96.4	99.4	3	0.012			
		light grey green.	80329	99.4	102.4	3	0.010			
		trace calcite crystals with dark grey	80330	102.4	105.4	3	0.039			
		haloes.	80331	105.4	108.4	3	0.013			
		trace to weak disseminated chalcopyrite	80332	108.4	111.4	3	0.016			
		with trace bornite.	80333	111.4	114.4	3	0.011			

DIAMOND DRILL RE LOG DDH 96C-14

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
			80334	114.4	117.4	3	0.011			
			80335	117.4	120.4	3	0.017			
			80336	120.4	123.4	3	0.010			
123.5m	141.2m	Granodiorite: weak to moderate grading	80337	123.4	126.4	3	0.008			
		to strong potassic alteration toward lower	80338	126.4	129.4	3	0.013			
		contact, trace localized argillic alteration,	80339	129.4	132.4	3	0.014			
		biotites altered to chlorite.	80340	132.4	135.4	3	0.011			
		trace disseminated bornite towards lower	80341	135.4	138.4	3	0.015			
		contact.	80342	138.4	141.4	3	0.085	0.03	0.3	0.0007
141.2m	163.5m	Granodiorite: strong potassic alteration	80343	141.4	144.4	3	0.565	0.03	4.2	0.0115
		with almost complete argillic overprinting,	80344	144.4	147.4	3	0.141	0.03	0.6	0.0065
		sericite along fractures, scattered veins of	80345	147.4	150.4	3	0.192	0.03	0.9	0.0037
		specular hematite.	80346	150.4	153.4	3	0.644	0.06	4.7	0.0323
		trace molybdenum along fractures.	80347	153.4	156.4	3	0.345	0.03	4.3	0.0031
		weak to moderate disseminated and	80348	156.4	159.4	3	0.370	0.03	2.4	0.0250
		veinlets of bornite.	80349	159.4	162.4	3	0.290	0.03	2.2	0.0270
163.5m	174.0m	Fault zone: clay, medium to dark grey,	80350	162.4	165.4	3	0.201	0.03	1.8	0.0072
		friable, slickensides, moderate	80351	165.4	168.4	3	0.074	0.03	0.5	0.0046
		molybdenum mineralization along	80352	168.4	171.4	3	0.094	0.03	0.2	0.0011
		fractures.	80353	171.4	174.4	3	0.174	0.03	0.9	0.0034
174.0m	176.0m	Granodiorite: strong potassic alteration	80354	174.4	177.4	3	0.041	0.03	0.1	0.0024
		with moderate argillic overprinting,								
		feldspars bleached white.								
		trace molybdenum with trace to weak								
		disseminated bornite.								
176.0m	205.0m	Granodiorite: strong potassic alteration	80355	177.4	180.4	3	0.080	0.04	2.0	0.0090
		with argillic alteration along fractures,	80356	180.4	183.4	3	0.198	0.03	0.7	0.0102
		increase in mafic mineral content.	80357	183.4	186.4	3	0.006	0.03	0.2	0.0074
		trace molybdenum along fractures.	80358	186.4	189.4	3	0.067	0.03	0.1	0.0006
181.0m	183.0m	main zone of mineralization, more intense	80359	189.4	192.4	3	0.035	0.03	0.2	0.0007
		alteration, grey green color.	80360	192.4	195.4	3	0.046	0.03	0.3	0.0006
		weak chalcopyrite with trace disseminated	80361	195.4	198.4	3	0.134	0.03	0.6	0.0099
		bornite.	80362	198.4	201.4	3	0.047	0.04	0.4	0.0037

DIAMOND DRILL ‹E LOG DDH 96C-14

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
	183.0m	10 cm vein of mafic minerals with strong	80363	201.4	204.4	3	0.036	0.04	0.2	0.0010
		disseminated chalcopyrite	80364	204.4	207.4	3	0.045	0.03	0.1	0.0014
205.0m	223.0m	Granodiorite: pervasive argillic alteration,	80365	207.4	210.4	3	0.023	0.03	0.1	0.0014
		light grey color, trace hematite streaks	80366	210.4	213.4	3	0.077	0.04	0.3	0.0005
		along fractures.	80367	213.4	216.4	3	0.717	0.04	3.5	0.0007
		weak to moderate mineralization, veinlets	80368	216.4	219.4	3	0.262	0.03	1.1	0.0009
		and disseminated bornite.	80369	219.4	222.4	3	0.023			
		trace disseminated native copper.								
223.0m	240.7m	Granodiorite: core appears fresh, very	80370	222.4	225.4	3	0.023			
		weak potassic alteration along fractures,	80371	225.4	228.4	3	0.015			
		slight alteration of biotites.	80372	228.4	231.4	3	0.017			
			80373	231.4	234.4	3	0.038			
			80374	234.4	237.4	3	0.020			
			80375	237.4	240.4	3	0.055			
240.7m	243.8m	Granodiorite: moderate potassic alteration	80376	240.4	243.4	3	0.015			
		with weak argillic alteration, some								
		bleaching of feldspars, scattered red								
		hematite streaks along fractures.								
243.8m		END OF HOLE								

DIAMOND DRILL ʁE LOG DDH 96C-15

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	28.0m	Overburden: casing set at 28.0m								
28.0m	31.8m	Overburden: granodiorite boulders and								
		compacted clay.								
31.8m	34.8m	Granodiorite: Oxidized zone, strong potassic	79851	31.7	34.7	3	0.017			
		alteration, argillic overprinting bleaching								
		feldspars white, trace yellow brown streaks,								
		biotites altered to chlorite and muscovite.								
		trace magnetite.								
34.8m	50.9m	Granodiorite: pervasive argillic alteration,	79852	34.7	37.7	3	0.025			
		trace sericite along fractures, core appears	79853	37.7	40.7	3	0.033			
		friable and rubbly, intense fracturing.	79854	40.7	43.7	3	0.056			
			79855	43.7	46.7	3	0.017			
			79856	46.7	49.7	3	0.036			
			79857	49.7	50.7	3	0.035			
50.9m	86.6m	Granodiorite: strong potassic alteration,	79858	50.7	51.7	1	0.049			
		intense argillic alteration along fractures,	79859	51.7	52.7	1	0.052			
			79860	52.7	53.7	1	0.051	0.10	0.3	0.0200
53.9m	55.5m	Fault zone: intense alteration, trace calcite	79861	53.7	54.7	1	0.036	0.03	0.3	0.0024
		veins, grey color, no apparent rock fabric,	79862	54.7	55.7	1	0.035	0.03	0.1	0.0005
		total obliteration of granodiorite matrix.	79863	55.7	56.7	1	0.033	0.03	0.2	0.0009
		trace bornite and magnetite.	79864	56.7	57.7	1	0.099	0.05	0.7	0.0640
			79865	57.7	58.7	1	0.105	0.03	0.5	0.0099
			79866	58.7	59.7	1	0.054	0.03	0.3	0.0034
			79867	59.7	62.7	3	0.053	0.03	0.3	0.0019
			79868	62.7	65.7	3	0.049	0.03	0.3	0.0008
			79869	65.7	68.7	3	0.051	0.03	0.6	0.0120
			79870	68.7	71.7	3	0.152	0.03	1.2	0.0030
			79871	71.7	74.7	3	0.044	0.03	0.5	0.0009
			79872	74.7	77.7	3	0.062	0.03	0.4	0.0040
			79873	77.7	80.7	3	0.023	0.03	0.4	0.0005
			79874	80.7	83.7	3	0.011	0.03	0.1	0.0032
			79875	83.7	86.7	3	0.007	0.03	0.2	0.0016

DIAMOND DRILL ‹E LOG DDH 96C-15

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
86.6m	102.7m	Granodiorite: strong potassic alteration,	79876	86.7	89.7	3	0.035	0.03	0.3	0.0009
		moderate to intense argillic overprinting,	79877	89.7	92.7	3	0.032	0.03	0.1	0.0002
		feldspars bleached white, biotites altered to	79878	92.7	95.7	3	0.136	0.03	0.7	0.0015
		chlorite and sericite, rubbly sections of core	79879	95.7	98.7	3	0.127	0.03	0.6	0.0005
		intense argillic altered zones.	79880	98.7	101.7	3	0.148	0.03	0.6	0.0009
		trace to weak mineralization, disseminated	79881	101.7	104.7	3	0.488	0.03	3.4	0.0033
		and veinlets of bornite.								
102.7m	135.0m	Granodiorite: pervasive argillic alteration,	79882	104.7	107.7	3	0.692	0.03	4.6	0.0120
		core has light to medium gray and pale	79883	107.7	110.7	3	0.793	0.07	6.1	0.0244
		green color, scattered calcite veins,	79884	110.7	113.7	3	1.460	0.04	7.0	0.0153
		numerous dark green mafic veins and veinlets	79885	113.7	114.7	1	2.180	0.08	18.8	0.0206
108.0m	111.8m	Fault zone: brecciated core fragments, area	79886	114.7	115.7	1	2.960	0.07	19.6	0.0030
		of numerous dark mafic minerals.	79887	115.7	116.7	1	2.510	0.07	18.2	0.0074
		mineralization appears to be associated with	79888	116.7	117.7	1	0.924	0.11	6.4	0.0032
		dark mafic minerals.	79889	117.7	118.7	1	1.150	0.12	7.2	0.0002
		strong mineralization, veinlets and	79890	118.7	119.7	1	1.430	0.08	13.7	0.0008
		disseminated bornite.	79891	119.7	120.7	1	2.260	0.22	16.3	0.0002
		weak specular hematite mineralization.	79892	120.7	121.7	1	1.240	0.08	9.4	0.0003
			79893	121.7	122.7	1	2.100	0.08	18.1	0.0009
			79894	122.7	123.7	1	0.522	0.07	3.2	0.0003
			79895	123.7	124.7	1	0.254	0.06	1.6	0.0007
			79896	124.7	125.7	1	1.460	0.09	16.4	0.0010
			79897	125.7	126.7	1	3.050	0.09	22.7	0.0065
			79898	126.7	127.7	1	2.030	0.17	14.8	0.0009
			79899	127.7	128.7	1	1.380	0.07	12.3	0.0015
			79900	128.7	129.7	1	1.760	0.11	12.1	0.0007
			79901	129.7	130.7	1	1.480	0.23	11.9	0.0400
			79902	130.7	131.7	1	3.150	0.08	22.4	0.0261
			79903	131.7	132.7	1	1.620	0.06	16.3	0.0007
			79904	132.7	133.7	1	0.905	0.04	8.2	0.0006
			79905	133.7	134.7	1	3.150	0.15	40.0	0.0008
			79906	134.7	135.7	1	0.336	0.05	3.3	0.0004
135.0m	160.6m	Granodiorite: strong potassic alteration with	79907	135.7	138.7	3	0.317	0.04	1.9	0.0004
		pervasive argillic alteration along fractures,	79908	138.7	141.7	3	0.206	0.06	1.5	0.0006
		core is light gray to pale green with salmon	79909	141.7	144.7	3	0.193	0.08	1.9	0.0012
		color to granodiorites between fractures.	79910	144.7	147.7	3	1.050	0.06	6.8	0.0035

DIAMOND DRILL RE LOG DDH 96C-15

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		scattered calcite veins, appear to be later	79911	147.7	150.7	3	0.315	0.05	3.2	0.0136
		stage implacement then mineralization.	79912	150.7	153.7	3	0.078	0.05	0.4	0.0077
		trace dark green mafic veins.	79913	153.7	156.7	3	0.014	0.05	0.1	0.0012
		weak mineralization, disseminated and	79914	156.7	159.7	3	0.024	0.06	0.1	0.0005
		veinlets of bornite.								
		trace molybdenum along fractures.								
160.6m	179.0m	Granodiorite: strong potassic alteration along	79915	159.7	162.7	3	0.037	0.03	0.1	0.0008
		fractures, trace red hematite streaks.	79916	162.7	165.7	3	0.041	0.05	0.1	0.0006
		trace to weak mineralization, disseminated	79917	165.7	168.7	3	0.113	0.01	0.6	0.0006
		bornite.	79918	168.7	171.7	3	0.085	0.04	0.5	0.0006
			79919	171.7	174.7	3	0.038	0.03	0.1	0.0007
			79920	174.7	177.7	3	0.027	0.05	0.1	0.0005
			79921	177.7	180.7	3	0.089	0.04	0.1	0.0007
179.0m	202.3m	Granodiorite: pervasive argillic alteration,	79922	180.7	183.7	3	0.113	0.05	0.6	0.0009
		color varies from light gray to pale green.	79923	183.7	186.7	3	0.545	0.08	2.5	0.0004
		pale green sections of core are composed	79924	186.7	189.7	3	0.196	0.05	0.1	0.0013
		of quartz and pale green feldspars. Noted	79925	189.7	192.7	3	0.209	0.06	1.7	0.0020
		absence of mafic minerals in rock matrix,	79926	192.7	193.7	1	0.229	0.04	1.8	0.0011
		trace dark green mafic veins.	79927	193.7	194.7	1	2.910	0.04	4.8	0.0010
	180.om	calcite veins 2 cm and 6 cm in thickness.	79928	194.7	195.7	1	0.522	0.06	2.1	0.0007
		The mineralization in this section of core	79929	195.7	196.7	1	0.238	0.04	1.9	0.0009
		appears to be predominately chalcopyrite.	79930	196.7	197.7	1	0.660	0.07	2.8	0.0008
	194.2m	1 cm and 2 cm thick veins of chalcopyrite.	79931	197.7	200.7	3	0.371	0.03	2.6	0.0014
		weak to localized strong chalcopyrite with	79932	200.7	201.7	1	0.313	0.03	1.7	0.0025
		scattered bornite mineralization.								
202.3m	216.8m	Granodiorite: moderate to strong potassic	79933	201.7	204.7	3	0.166	0.03	0.6	0.0010
		alteration with localized argillic alteration	79934	204.7	207.7	3	0.068	0.03	0.1	0.0006
		along fractures, feldspars bleached white to	79935	207.7	210.7	3	0.096	0.03	0.3	0.0022
		pale green. Trace calcite veins with scattered	79936	210.7	213.7	3	0.081	0.03	0.4	0.0005
		medium to dark green mafic veins.	79937	213.7	216.7	3	0.484	0.01	2.0	0.0008
	213.9m	trace molybdenum								
	214.0m	specular hematite.								
		weak mineralization, disseminated with trace								
		veinlets of bornite.								

DIAMOND DRILL .RE LOG DDH 96C-15

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
216.8m	220.2m	Granodiorite: appears fresh with slight	79938	216.7	217.7	1	0.448	0.03	2.3	0.0005
		potassic alteration.	79939	217.7	218.7	1	0.100	0.03	0.2	0.0002
			79940	218.7	219.7	1	0.023	0.03	0.1	0.0005
			79941	219.7	220.7	1	0.140	0.03	0.8	0.0004
220.2m	221.6m	Granodiorite: strong potassic alteration with	79942	220.7	221.7	1	0.500	0.01	3.0	0.0059
		argillic alteration along fractures.								
		trace massive specular hematite.								
		weak to moderate mineralization occurring as								
		veinlets and disseminated bornite. Trace								
		veinlet of bornite at the end of this hole.								
221.6m		END OF HOLE								

DIAMOND DRILL RE LOG DDH 96C-16

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
0m	39.6m	Overburden: casing set at 39.6m								
39.6m	43.6m	Granodiorite: Oxidized zone, abundant	79951	39.6	42.6	3	0.042			
		yellow staining, scattered rust color	79952	42.6	45.6	3	0.021			
		veinlets, pervasive argillic alteration.								
		Trace magnetite.								
43.6m	73.0m	Granodiorite: pervasive argillic alteration	79953	45.6	48.6	3	0.025			
		total overprinting, core bleached white to	79954	48.6	51.6	3	0.026			
		light grey and pale green, biotites altered	79955	51.6	54.6	3	0.080			
		to sericite, trace calcite veins.	79956	54.6	57.6	3	0.023			
54.6m	58.0m	Fault zone: scattered breccia imbedded in	79957	57.6	60.6	3	0.023			
		a clay matrix.	79958	60.6	63.6	3	0.051			
66.0m	72.2m	Fault zone: brecciated rock fragments,	79959	63.6	66.6	3	0.036			
		clay matrix.	79960	66.6	69.6	3	0.150			
		Trace veinlets and disseminated	79961	69.6	72.6	3	0.044			
		chalcopyrite.	79962	72.6	75.6	3	0.071			
73.0m	77.7m	Fault zone: medium green color, brecciated	79963	75.6	78.6	3	0.071			
		rock fragments composed of quartz,								
		feldspar and chlorite imbedded in a clay								
		matrix, trace calcite fragments, slickensides								
		Trace disseminated chalcopyrite.								
77.7m	103.2m	Granodiorite: pervasive argillic alteration,	79964	78.6	81.6	3	0.094			
		sericite along fractures, scattered calcite	79965	81.6	84.6	3	0.081	0.03	2.2	0.0002
		veins, numerous dark green mafic veins.	79966	84.6	87.6	3	0.228	0.03	3.2	0.0009
	92.0m	Fault zone: 5 cm band of clay	79967	87.6	90.6	3	0.082	0.03	1.0	0.0002
		mineralization appears to be associated	79968	90.6	93.6	3	0.092	0.03	1.2	0.0001
		with mafic veins and veinlets.	79969	93.6	96.6	3	0.161	0.03	1.3	0.0003
		Weak mineralization, disseminated with	79970	96.6	99.6	3	0.057	0.03	0.6	0.0002
		trace veinlets of bornite.	79971	99.6	102.6	3	0.208	0.12	1.8	0.0005
103.2m	107.3m	Granodiorite: appears fresh with argillic	79972	102.6	105.6	3	0.086	0.03	1.1	0.0002
		alteration along fractures, slight potassic	79973	105.6	108.6	3	0.102	0.03	0.9	0.0001
		alteration, trace dark green mafic veins,								
		trace hematite streaks along fractures.								
		Trace chalcopyrite veinlets and disseminated								

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		bornite.								
107.3m	124.5m	Granodiorite: Strong potassic alteration with	79974	108.6	111.6	3	0.061	0.03	0.3	0.0002
		intense argillic overprinting, biotites altered	79975	111.6	114.6	3	0.116	0.03	0.8	0.0002
		to chlorite and sericite. Numerous mafic	79976	114.6	117.6	3	0.137	0.03	1.2	0.0015
		veinlets, scattered red hematite streaks along	79977	117.6	118.6	1	0.257	0.03	3.4	0.0003
		fractures.	79978	118.6	119.6	1	2.020	3.24	27.3	0.0051
		Moderate to strong mineralization,	79979	119.6	120.6	1	0.125	0.03	0.8	0.0009
		disseminated and veinlets of bornite and	79980	120.6	121.6	1	0.387	0.03	3.5	0.0002
		chalcopyrite.	79981	121.6	122.6	1	3.510	0.03	33.4	0.0041
			79982	122.6	123.6	1	1.010	0.03	9.2	0.0002
	124.0m	Fracture filled with calcite, open center.	79983	123.6	126.6	3	0.197	0.03	0.9	0.0002
124.5m	130.1m	Granodiorite: Slight to weak potassic	79984	126.6	129.6	3	0.094	0.03	1.0	0.0003
		alteration along fractures. This core interval								
		appears to have a high mafic's content.								
		Trace calcite veins.								
		Weak to moderate mineralization,								
		disseminated and veinlets of chalcopyrite,								
		trace disseminated bornite.								
130.1m	144.3m	Granodiorite: appears fresh, trace epidote,	79985	129.6	132.6	3	0.048	0.03	0.3	0.0002
		moderate potassic alteration along fractures,	79986	132.6	135.6	3	0.008			
		scattered mafic veinlets.	79987	135.6	138.6	3	0.072			
		Trace to weak mineralization, veinlets and	79988	138.6	141.6	3	0.025			
		disseminated bornite, trace disseminated	79989	141.6	144.6	3	0.009			
		chalcopyrite.								
144.3m	158.4m	Granodiorite: Moderate potassic alteration,	79990	144.6	147.6	3	0.024			
		with localized intense argillic alteration next	79991	147.6	150.6	3	0.029			
		to fractures. Scattered fresh unaltered	79992	150.6	153.6	3	0.023			
		sections of core. Trace sericite along	79993	153.6	156.6	3	0.040			
		fractures.	79994	156.6	159.6	3	0.025			
158.4m	170.7m	Granodiorite: Weak to strong potassic	79995	159.6	162.6	3	0.017			
		alteration, trace argillic alteration. Scattered	79996	162.6	165.6	3	0.047			
		veins of specular hematite.	79997	165.6	166.6	1	0.164			
		weak mineralization, disseminated and	79998	166.6	167.6	1	0.128			

DIAMOND DRILL ... RE LOG DDH 96C-16

FROM	TO	DESCRIPTION	SAMPLE	FROM	TO	M	Cu (%)	Au (g/t)	Ag (g/t)	Mo (%)
		veinlets of chalcopyrite,	79999	167.6	170.6	3	0.145			
		Scattered disseminated Native copper.								
170.7m	177.5m	Granodiorite: fresh to weak potassic	80000	170.6	173.6	3	0.014			
		alteration, trace slickensides.	80001	173.6	176.6	3	0.008			
177.5m	180.5m	Aplite Dike: Composed of quartz and feldspar	80002	176.6	179.6	3	0.014			
		noted absence of mafic minerals, strong								
		potassic alteration, strong red to rust yellow								
		color, argillic alteration, feldspars bleached								
		white to pale green, trace hematite streaks								
		and calcite veins.								
180.5m	189.0m	Granodiorite: Strong potassic alteration,	80003	179.6	182.6	3	0.022			
		scattered weak to moderate argillic	80004	182.6	185.6	3	0.013			
		overprinting,	80005	185.6	188.6	3	0.015			
		Scattered Native Copper along fractures.								
189.0m	200.3m	Granodiorite: Appears fresh with weak	80006	188.6	191.6	3	0.014			
		potassic alteration along fractures.	80007	191.6	194.6	3	0.029			
		trace specular hematite.	80008	194.6	197.6	3	0.036			
		Trace Native Copper, associated with	80009	197.6	200.3	2.7	0.051			
		potassic alteration along fractures.								
200.3m		END OF HOLE								

APPENDIX II

1996 ECOTECH LABS ASSAY RESULTS

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ASSAYING
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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1312

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received:72
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)
38	79688	0.03	0.001	-	-	-
39	79689	<.03	<.001	-	-	-
40	79690	0.13	0.004	-	-	-
41	79691	0.11	0.003	21.3	0.62	2.39
59	79709	0.22	0.006	-	-	-
62	79712	0.12	0.003	14.1	0.41	1.46
69	79719	<.03	<.001	-	-	-
QC/DATA:						
Repeat:						
41	79691	0.12	0.003	-	-	-
Standard:						
STD-M		1.79	0.052	-	-	-
STD-M		1.41	0.041	-	-	-
MPIA		-	-	69.7	2.03	-
CPb-1		-	-	-	-	0.25

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TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 72
Sample type: ROCK
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Gary Stewart

ET #.	Tag #	Mo (%)
27	79676	0.020
53	79703	0.049
54	79704	0.028
55	79705	0.129
57	79707	0.036
59	79709	0.081
67	79717	0.025
68	79718	0.012
72	79722	0.014

QC DATA:

Repeat:

27	79676	0.021

Standard:

PR-1	0.590

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B.C. Certified Assayer

AAS/96Tarco

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CERTIFICATE OF ASSAY AK 96-1318

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

22-Nov-96

ATTENTION: GARY STEWART

No. of samples received:34
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Cu (%)	Mo (%)
10	79860		0.020
14	79864		0.064
19	79869		0.012
34	79884	1.46	

QC/DATA:

Standard:

CPb-I	0.25	
Mp-IA	1.44	
PR-I		0.59

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CERTIFICATE OF ASSAY AK 96-1319

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

22-Nov-96

ATTENTION: GARY STEWART

No. of samples received:75
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	Mo (%)	Ag (g/t)	Ag (oz/t)
1	79723				0.078		
4	79726				0.023		
5	79727	0.07	0.002				
6	79728				0.036		
7	79729	0.31	0.009		0.016		
8	79730	0.16	0.005				
9	79731	0.08	0.002	1.25	0.037		
10	79732				0.101		
16	79738				0.312		
17	79739				0.326		
18	79740				0.202		
19	79741				0.017		
21	79743				0.083		
23	79745				0.014		
24	79746	0.13	0.004	2.09		18.6	0.54
25	79747	0.10	0.003	2.29		15.6	0.46
26	79748	0.08	0.002	1.19	0.061		
27	79749	0.29	0.008	4.36		30.6	0.89
28	79750	0.30	0.009	3.02		16.6	0.48
29	79751	0.09	0.003				

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per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS AK 96-1319 22-Nov-96

ET #.	Tag #	Au (g/t)	Au (oz/t)	Cu (%)	Mo (%)	Ag (g/t)	Ag (oz/t)
34	79756				0.031		
36	79758				0.052		
37	79759				0.032		
38	79760				0.044		
39	79761				0.027		
40	79762				0.079		
41	79763				0.185		
43	79765				0.014		
44	79766				0.089		
46	79768				0.017		
48	79770				0.011		
Standard:							
CPb-I				0.25			
Mp-IA				1.44		69.7	2.03
PR-I					0.59		

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per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

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CERTIFICATE OF ASSAY AK 96-1332

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

25-Nov-96

ATTENTION: GARY STEWART

No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
1	79885	0.08	0.002	18.8	0.55	2.18	-
2	79886	0.07	0.002	19.6	0.57	-	-
3	79887	0.07	0.002	18.1	0.53	2.51	-
4	79888	0.11	0.003	-	-	-	-
5	79889	0.12	0.003	-	-	1.10	-
6	79890	0.08	0.002	13.7	0.40	1.43	-
7	79891	0.22	0.006	16.3	0.48	2.26	-
8	79892	0.08	0.002	-	-	1.24	-
9	79893	0.08	0.002	18.1	0.53	2.10	-
12	79896	0.09	0.003	16.4	0.48	1.46	-
13	79897	0.09	0.003	22.7	0.66	3.05	-
14	79898	0.17	0.005	14.8	0.43	2.03	-
15	79899	0.07	0.002	12.3	0.36	1.38	-
16	79900	0.11	0.003	12.1	0.35	1.76	-
17	79901	0.23	0.007	11.9	0.35	1.48	-
18	79902	0.08	0.002	22.4	0.65	3.15	-
19	79903	0.06	0.002	16.2	0.47	1.62	-
21	79905	0.07	0.002	40.6	1.18	3.10	-
26	79910	0.07	0.002	-	-	-	-
43	79927	-	-	-	-	2.91	-
44	79928	0.06	0.002	-	-	-	-
58	79942	-	-	-	-	-	0.010

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TARCO OIL & GAS AK 96-1332 25-Nov-96

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
86	79978	0.14	0.004	27.3	0.80	2.02	-
89	79981	-	-	33.4	0.97	3.51	-
90	79982	-	-	-	-	1.01	-
QC DATA:							
Resplit:							
1	79885	-	-	17.9	0.52	1.89	-
Standard:							
CPb-I		-	-	626.0	18.26	0.25	-
PR-I		-	-	-	-	-	0.59

note:*=results to follow

XLS/96tarco#3

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CERTIFICATE OF ASSAY AK 96-1332aa

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Nov-96

ATTENTION: GARY STEWART

No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Cu (%)
2	79886	2.96

QC/DATA:
Standard:

CPb	0.25
Mp-IA	1.44

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CERTIFICATE OF ASSAY AK 96-1345

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Nov-96

ATTENTION: GARY STEWART

No. of samples received:145
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
35	80079	0.11	0.003	37.70	1.10	4.56	-
42	80086	0.10	0.003	15.50	0.45	1.68	-
45	80089	-	-	-	-	-	0.060
46	80090	0.68	0.020	26.60	0.78	3.15	-
50	80094	-	-	24.50	0.71	3.34	0.064
54	80098	-	-	12.20	0.36	1.34	-
71	80115	0.08	0.002				
72	80116	0.11	0.003				
85	80129	0.14	0.004	13.50	0.39	2.61	-
96	80140	-	-	-	-	1.33	-
100	80144	0.07	0.002				
101	80145	0.13	0.004	38.80	1.13	2.82	-
102	80146	-	-	-	-	1.12	-
103	80147	0.30	0.009	36.70	1.07	3.88	-
104	80148	0.12	0.003	-	-	1.64	-
106	80150	-	-	-	-	1.30	-
QC/DATA:							
Resplit:							
71	80115	0.08	0.002	-	-	-	-
Standard:							
CPb		-	-	-	-	-	0.25

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CERTIFICATE OF ASSAY AK 96-1346

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Nov-96

ATTENTION: GARY STEWART

No. of samples received: 114
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Mo (%)
1	79840	0.016
2	79841	0.054
81	80343	0.011
84	80346	0.037
87	80349	0.027

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CERTIFICATE OF ASSAY AK 96-1349

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

3-Dec-96

ATTENTION: GARY STEWART

No. of samples received: 98
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
27	79827	-	-	-	-	-	0.016
35	79835	0.07	0.002	-	-	-	-
38	79838	0.11	0.003	12.1	0.35	1.31	-
49	80220	-	-	-	-	-	0.024
50	80221	-	-	-	-	-	0.041
60	80231	0.06	0.002	-	-	-	-
62	80233	0.24	0.007	38.8	1.13	2.69	-
67	80238	-	-	-	-	-	0.011
74	80245	-	-	-	-	-	0.012
79	80250	-	-	-	-	-	0.011
83	80254	-	-	-	-	-	0.012
QC/DATA							
Standard:							
CPb		-	-	626.0	18.26	0.25	-
PR-1		-	-	-	-	-	0.59

per

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CERTIFICATE OF ASSAY AK 96-1345C

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

9-Dec-96

ATTENTION: GARY STEWART

No. of samples received: 145
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Cu (%)
8	79994	0.02
9	79995	0.02
10	79996	0.04
11	79997	0.16
12	79998	0.12
13	79999	0.15
14	80000	0.01
15	80001	0.01
16	80002	0.01
17	80003	0.03
18	80004	0.01
19	80005	0.01
20	80006	0.02
21	80007	0.03
22	80008	0.03
23	80009	0.04

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per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS AK 96-1345C

9-Dec-96

ET #.	Tag #	Cu (%)
8B	79994	0.02
9B	79995	0.02
10B	79996	0.05
11B	79997	0.15
12B	79998	0.13
13B	79999	0.13
14B	80000	0.01
15B	80001	0.01
16B	80002	0.01
17B	80003	0.03
18B	80004	0.01
19B	80005	0.02
20B	80006	0.02
21B	80007	0.03
22B	80008	0.03
23B	80009	0.04

C/DATA:

Standard:

CPb-1	0.25

per

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CERTIFICATE OF ASSAY AK 96-1345CU

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

9-Dec-96

ATTENTION: GARY STEWART

No. of samples received: 145
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: GARY STEWART

		"METALLIC ASSAY"
		Cu
ET #.	Tag #	(%)
8	79994	0.02
9	79995	0.01
10	79996	0.06
11	79997	0.16
12	79998	0.14
13	79999	0.11
14	80000	0.01
15	80001	0.01
16	80002	0.02
17	80003	0.03
18	80004	0.01
19	80005	0.02
20	80006	0.01
21	80007	0.03
22	80008	0.03
23	80009	0.03

QC/DATA:
Standard:
CPb-1 0.25

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CERTIFICATE OF ASSAY AK 96-1345R

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

10-Dec-96

ATTENTION: GARY STEWART

No. of samples received:145
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
35	80079	0.11	0.003	37.70	1.10	4.56	-
42	80086	0.10	0.003	15.50	0.45	1.68	-
45	80089	-	-	-	-	-	0.060
46	80090	0.68	0.020	26.60	0.78	3.15	-
50	80094	-	-	24.50	0.71	3.34	0.064
54	80098	-	-	12.20	0.36	1.34	-
71	80115	0.08	0.002	-	-	-	-
72	80116	0.11	0.003	-	-	-	-
84	80128	-	-	-	-	1.07	-
85	80129	0.14	0.004	13.50	0.39	2.61	-
96	80140	-	-	-	-	1.33	-
100	80144	0.07	0.002	-	-	-	-
101	80145	0.13	0.004	38.80	1.13	2.82	-
102	80146	-	-	-	-	1.12	-
103	80147	0.30	0.009	36.70	1.07	3.88	-
104	80148	0.12	0.003	-	-	1.64	-
106	80150	-	-	-	-	1.30	-

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ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Mo (%)
QC/DATA:							
Resplit:							
71	80115	0.08	0.002	-	-	-	-
Standard:							
CPb		-	-	-	-	-	0.25
MPLA		-	-	-	-	1.44	-

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CERTIFICATE OF ASSAY A.C 96-1312A2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

14-Jan-97

ATTENTION: GARY STEWART
HOLE # 11
No. of samples received:72
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
26	79676	0.03	0.001
27	79677	0.03	0.001
28	79678	0.03	0.001
29	79679	0.03	0.001
30	79680	0.03	0.001
31	79681	0.03	0.001
32	79682	0.03	0.001
33	79683	0.03	0.001
34	79684	0.03	0.001
35	79685	0.03	0.001
36	79686	0.03	0.001
37	79687	0.03	0.001
42	79692	0.03	0.001
43	79693	0.03	0.001
44	79694	0.03	0.001
45	79695	3.45	0.101
46	79696	0.03	0.001
47	79697	0.03	0.001
48	79698	0.03	0.001

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B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 1312A2 14-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
49	79699	0.03	0.001
50	79700	0.03	0.001
51	79701	0.03	0.001
52	79702	0.03	0.001
53	. 9703	0.03	0.001
54	79704	0.03	0.001
55	79705	0.03	0.001
56	79706	0.03	0.001
57	79707	0.03	0.001
58	79708	0.03	0.001
60	79710	0.03	0.001
61	79711	0.03	0.001
62	79712	0.10	0.003
63	79713	<.03	<.001
64	79714	0.06	0.002
65	79715	<.03	<.001
66	79716	0.05	0.001
67	79717	0.03	0.001
68	79718	0.04	0.001
70	79720	<.03	<.001
71	79721	<.03	<.001
72	79722	<.03	<.001

QC/DATA:

Resplit:

36	79686	0.03	0.001
71	79721	0.04	0.001

Repeat:

26	79676	0.03	0.001
49	79699	0.03	0.001
70	79720	0.10	0.003

Standard:

STD-M	1.38	0.040
STD-M	1.36	0.040

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CERTIFICATE OF ANALYSIS AK 96-1312G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

21-Jan-97

ATTENTION: GARY STEWART
HOLE # 11
No. of samples received: 72
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
26	79676	<.1	210	31
27	79677	0.1	1557	-
28	79678	0.4	816	94
29	79679	>.1	412	4
30	79680	2.3	4170	4
31	79681	1.5	2790	5
32	79682	1.8	2350	9
33	79683	0.8	1406	7
34	79684	2.6	3270	20
35	79685	0.4	1145	13
36	79686	0.5	1297	7
37	79687	0.7	950	10
38	79688	0.1	746	3
39	79689	7.9	7310	6
40	79690	7.4	>10000	9
41	79691	-	-	9
42	79692	>.1	218	10
43	79693	0.3	824	7
44	79694	0.1	745	8
45	79695	6.8	8010	7
46	79696	>.1	511	10

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TARCO OIL & GAS LTD. AK 96-1312G2

21-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
47	79697	>.1	637	16
48	79698	>.1	355	30
49	79699	>.1	789	61
50	79700	>.1	569	14
51	79701	>.1	382	36
52	79702	>.1	502	12
53	79703	>.1	623	-
54	79704	0.3	456	-
55	79705	0.4	464	-
56	79706	0.1	941	31
57	79707	0.5	2150	-
58	79708	>.1	2780	12
59	79709	1.0	6880	-
60	79710	6.3	3220	49
61	79711	0.6	1524	8
62	79712	-	-	10
63	79713	1.7	2900	3
64	79714	2.3	3290	3
65	79715	>.1	200	17
66	79716	0.8	1500	98
67	79717	0.6	1144	-
68	79718	5.1	5660	-
69	79719	1.0	3530	25
70	79720	1.1	1794	29
71	79721	0.3	321	19
72	79722	<.1	245	-
QC DATA:				
Resplit:				
R/S 36	79686	0.4	1173	9
R/S 71	79721	>.1	391	16
Repeat:				
26	79676	<.1	223	30
35	79685	0.3	1962	21
44	79694	0.1	756	7
61	79711	0.4	1503	11
Standard:				
GEO'97		1.5	97	2
GEO'97		1.3	96	-

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CERTIFICATE OF ASSAY AK 96-1318A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

16-Jan-97

ATTENTION: GARY STEWART
HOLE # 15
No. of samples received:34
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
10	79860	0.10	0.003
11	79861	0.03	0.001
12	79862	<.03	<.001
13	79863	<.03	<.001
14	79864	0.05	0.001
15	79865	0.03	0.001
16	79866	<.03	<.001
17	79867	<.03	<.001
18	79868	<.03	<.001
19	79869	<.03	<.001
20	79870	<.03	<.001
21	79871	<.03	<.001
22	79872	<.03	<.001
23	79873	<.03	<.001
24	79874	<.03	<.001
25	79875	<.03	<.001
26	79876	<.03	<.001
27	79877	<.03	<.001
28	79878	<.03	<.001
29	79879	<.03	<.001

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B.C. Certified Assayer

TARCO OIL & GAS AK 96-1318A2 16-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
31	79881	<.03	<.001
32	79882	<.03	<.001
33	79883	0.07	0.002
34	79884	0.04	0.001

QC/DATA:

Repeat:

10	79860	<.03	<.001

Standard:

STD-M	1.36	0.040

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CERTIFICATE OF ANALYSIS AK 96-1318G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

20-Jan-97

ATTENTION: GARY STEWART
HOLE # 15
No. of samples received: 34
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
0	79860	0.3	507	-
11	79861	0.3	360	24
12	79862	0.1	351	5
13	79863	0.2	332	9
14	79864	0.7	986	-
15	79865	0.5	1048	99
16	79866	0.3	540	34
17	79867	0.3	531	19
18	79868	0.3	494	8
19	79869	0.6	506	-
20	79870	1.2	1522	30
21	79871	0.5	441	9
22	79872	0.4	618	40
23	79873	0.4	229	5
24	79874	<0.1	107	32
25	79875	0.2	72	16
26	79876	0.3	349	9
27	79877	0.1	515	2
28	79878	0.7	1360	15
29	79879	0.6	1271	5

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-1318G2 20-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
31	79881	3.4	4876	33
32	79882	4.6	6918	120
33	79883	6.1	7933	244
34	79884	7.0	-	153
QC DATA:				
Repeat:				
10	79860	0.3	523	-
19	79869	0.7	535	-
28	79878	0.7	1359	21
Standard:				
GEO'97		1.5	107	1

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
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CERTIFICATE OF ASSAY AK 96-1319A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

16-Jan-97

ATTENTION: GARY STEWART
HOLE # 11
No. of samples received:75
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	79723	0.15	0.004
2	79724	0.03	0.001
3	79725	0.03	0.001
4	79726	<.03	<.001
6	79728	<.03	<.001
10	79732	<.03	<.001
11	79733	<.03	<.001
12	79734	<.03	<.001
13	79735	<.03	<.001
14	79736	<.03	<.001
15	79737	<.03	<.001
16	79738	<.03	<.001
17	79739	<.03	<.001
18	79740	<.03	<.001
19	79741	<.03	<.001
20	79742	<.03	<.001
21	79743	<.03	<.001
22	79744	<.03	<.001

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TARCO OIL & GAS AK 96-1319A2 16-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
23	79745	<.03	<.001
30	79752	0.03	0.001
31	79753	<.03	<.001
32	79754	<.03	<.001
33	79755	<.03	<.001
34	79756	<.03	<.001
35	79757	<.03	<.001
36	79758	<.03	<.001
37	79759	<.03	<.001
38	79760	0.03	0.001
39	79761	<.03	<.001
40	79762	<.03	<.001
41	79763	<.03	<.001
42	79764	<.03	<.001
43	79765	<.03	<.001
44	79766	<.03	<.001
45	79767	<.03	<.001
46	79768	<.03	<.001
47	79769	<.03	<.001
48	79770	<.03	<.001
QC/DATA			
Repeat:			
1	79723	0.03	0.001
10	79732	<.03	<.001
19	79741	<.03	<.001
36	79758	<.03	<.001
Resplit:			
1	79723	<.03	<.001
36	79758	<.03	<.001
Standard:			
STD-M		1.31	0.038
STD-M		1.31	0.038

ECO-TECH LABORATORIES LTD.
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CERTIFICATE OF ANALYSIS AK 96-1319G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

20-Jan-97

ATTENTION: GARY STEWART
HOLE # 11
No. of samples received: 75
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

T #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
1	79723	0.2	1022	-
2	79724	<.1	2590	52
3	79725	1.0	4992	175
4	79726	0.9	2085	-
5	79727	<.1	3490	82
6	79728	<0.1	2300	-
7	79729	1.3	3030	-
8	79730	<0.1	7850	8
9	79731	11.1	-	-
10	79732	1.0	316	-
11	79733	<.1	87	21
12	79734	<.1	371	19
13	79735	<.1	176	130
14	79736	<.1	581	68
15	79737	<.1	186	95
16	79738	0.5	178	-
17	79739	3.9	2030	-
18	79740	5.0	3110	-
19	79741	1.4	3330	-
20	79742	<.1	66	14

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TARCO OIL & GAS LTD. AK 96-1319G2

20-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
21	79743	<.1	158	-
22	79744	1.0	2017	47
23	79745	1.5	2480	-
24	79746	-	-	13
25	79747	-	-	43
26	79748	7.6	-	-
27	79749	-	-	11
28	79750	-	-	68
29	79751	2.7	4840	22
30	79752	2.1	3030	<1
31	79753	0.9	1725	47
32	79754	1.5	1764	82
33	79755	0.7	549	40
34	79756	0.2	1467	-
35	79757	<.1	200	58
36	79758	<.1	346	-
37	79759	<.1	916	-
38	79760	1.3	3210	-
39	79761	2.4	3600	-
40	79762	0.3	738	-
41	79763	<.1	201	-
42	79764	1.0	1514	84
43	79765	1.2	1615	-
44	79766	<.1	182	-
45	79767	0.7	1659	123
46	79768	1.0	2600	-
47	79769	<0.1	709	41
48	79770	0.3	875	-
QC DATA:				
Repeat:				
1	79723	0.2	1028	-
10	79732	0.9	316	-
19	79741	1.2	3380	-
36	79758	<.1	329	-
Resplit:				
R/S 1	79723	0.3	984	-
R/S 36	79758	<0.1	326	-
Standard:				
GEO'97		1.3	96	2
GEO'97		1.4	96	5

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CERTIFICATE OF ASSAY AK 96-1332AA2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Jan-97

ATTENTION: GARY STEWART
HOLE # 16
No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
73	79965	<.03	<.001
74	79966	<.03	<.001
75	79967	<.03	<.001
76	79968	<.03	<.001
77	79969	<.03	<.001
78	79970	<.03	<.001
79	79971	0.12	0.003
80	79972	<.03	<.001
81	79973	<.03	<.001
82	79974	<.03	<.001
83	79975	<.03	<.001
84	79976	<.03	<.001
85	79977	<.03	<.001
87	79979	<.03	<.001
88	79980	<.03	<.001
89	79981	0.03	0.001
90	79982	<.03	<.001
91	79983	<.03	<.001
92	79984	<.03	<.001
93	79985	<.03	<.001

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B.C. Certified Assayer

TARCO OIL & GAS AK 96-1332AA2 28-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
QC/DATA:			
Repeat:			
73	79965	<.03	<.001
82	79974	<.03	<.001
Standard:			
STD-M		1.32	0.038
MPIA			

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CERTIFICATE OF ANALYSIS AK 96-1332GG2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Jan-97

ATTENTION: GARY STEWART
HOLE # 16
No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (ppm)	Mo (ppm)	Cu (ppm)
73	79965	2.2	2	813
74	79966	3.2	9	2280
75	79967	1.0	2	819
76	79968	1.2	1	922
77	79969	1.3	3	1611
78	79970	0.6	2	572
79	79971	1.8	5	2080
80	79972	1.1	2	860
81	79973	0.9	1	1021
82	79974	0.3	2	608
83	79975	0.8	2	1157
84	79976	1.2	15	1368
85	79977	3.4	3	2570
86	79978	-	51	-
87	79979	0.8	9	1254
88	79980	3.5	2	3874
89	79981	-	41	-
90	79982	9.2	2	-
91	79983	0.9	2	1969
92	79984	1.0	3	943
93	79985	0.3	2	479

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ET #.	Tag #	Ag (ppm)	Mo (ppm)	Cu (ppm)
QC/DATA:				
Repeat:				
73	79965	2.1	2	819
Standard:				
GEO'97		1.4	1	84

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CERTIFICATE OF ASSAY AK 96-1332A2

16-Jan-97

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART
HOLE # 15
No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
10	79894	0.07	0.002
11	79895	0.06	0.002
22	79906	0.05	0.001
23	79907	0.04	0.001
24	79908	0.06	0.002
25	79909	0.08	0.002
27	79911	0.05	0.001
28	79912	0.05	0.001
29	79913	0.05	0.001
30	79914	0.06	0.002
31	79915	0.03	0.001
32	79916	0.05	0.001
34	79918	0.04	0.001
35	79919	0.03	0.001
36	79920	0.05	0.001
37	79921	0.04	0.001
38	79922	0.05	0.001
40	79924	0.05	0.001
41	79925	0.06	0.002
42	79926	0.04	0.001
43	79927	0.04	0.001
44	79928	0.06	0.002
45	79929	0.04	0.001

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

ET #.	Tag #	Au (g/t)	Au (oz/t)
47	79931	<.03	<.001
48	79932	<.03	<.001
49	79933	<.03	<.001
50	79934	<.03	<.001
51	79935	<.03	<.001
52	79936	<.03	<.001
54	79938	<.03	<.001
55	79939	<.03	<.001
56	79940	<.03	<.001
57	79941	<.03	<.001

QC DATA:

Resplit:

36	79920	0.05	0.001

Standard:

STD-M		1.36	0.040
STD-M		1.33	0.039
STD-M		1.41	0.041

XLS/96tarco#3

per

ECO-TECH LABORATORIES LTD.
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CERTIFICATE OF ANALYSIS AK 96-1332G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

21-Jan-97

ATTENTION: GARY STEWART
HOLE # 15
No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
1	79885	-	-	206
2	79886	-	-	30
3	79887	18.2	-	74
6	79890	-	-	8
8	79892	9.4	-	3
9	79893	-	-	9
10	79894	3.2	5220	3
11	79895	1.6	2540	7
13	79897	-	-	65
14	79898	-	-	9
15	79899	-	-	15
16	79900	-	-	7
17	79901	-	-	400
18	79902	-	-	261
19	79903	-	-	7

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per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-1332G2

21-Jan-97

Et #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
22	79906	3.3	3360	4
23	79907	1.9	3170	4
24	79908	1.5	2055	6
25	79909	1.9	1932	12
27	79911	3.2	3150	136
28	79912	0.4	779	77
29	79913	<.1	142	12
30	79914	<.1	237	5
31	79915	<.1	367	8
32	79916	<.1	407	6
34	79918	0.5	847	6
35	79919	0.1	379	7
36	79920	0.1	271	5
37	79921	<.1	887	7
38	79922	0.6	1128	9
40	79924	<.1	1962	13
41	79925	1.7	2090	20
42	79926	1.8	2290	11
43	79927	4.8	-	10
44	79928	2.1	5220	7
45	79929	1.9	2380	9
47	79931	2.6	3710	14
48	79932	1.7	3130	25
49	79933	0.6	1661	10
50	79934	0.1	675	6
51	79935	0.3	964	22
52	79936	0.4	811	5
54	79938	2.3	4480	5
55	79939	0.2	1000	2
56	79940	0.1	232	5
57	79941	0.8	1396	4

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-1332G2 21-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
QC DATA:				
Resplit:				
R/S 1	79885	-	-	168
R/S 36	79920	0.1	256	4
Repeat:				
1	79885	-	-	214
10	79894	3.3	5120	6
19	79903	-	-	5
36	79920	<.1	273	3
55	79939	0.3	1004	5
Standard:				
GEO'97		1.4	92	-
GEO'97		1.3	88	-

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96Tarco

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10041 E. Trans Canada Hwy., R.R. #2, Kamloops, B.C. V2C 6T4 Phone (250) 573-5700
Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1345A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

27-Jan-97

ATTENTION: GARY STEWART
HOLE # 10
No. of samples received:145
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
25	80069	<.01	<.001
26	80070	<.01	<.001
27	80071	<.01	<.001
29	80073	<.01	<.001
30	80074	<.01	<.001
31	80075	<.01	<.001
32	80076	<.01	<.001
33	80077	<.01	<.001
34	80078	0.04	0.001
36	80080	0.02	0.001
37	80081	0.01	<.001
38	80082	<.01	<.001
39	80083	<.01	<.001
40	80084	<.01	<.001
41	80085	<.01	<.001
43	80087	<.01	<.001
44	80088	0.01	<.001
45	80089	0.03	0.001
47	80091	0.02	0.001
48	80092	<.01	<.001
49	80093	<.01	<.001

Bob Mercer
ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS AK 1345A2

27-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
50	80094	0.06	0.002
51	80095	0.02	0.001
52	80096	<.01	<.001
54	80098	0.01	<.001
55	80099	0.03	0.001
56	80100	<.01	<.001
57	80101	<.01	<.001
58	80102	<.01	<.001
60	80104	<.01	<.001
61	80105	<.01	<.001
62	80106	<.01	<.001
63	80107	0.01	<.001
64	80108	<.01	<.001
65	80109	<.01	<.001
66	80110	<.01	<.001
67	80111	<.01	<.001
68	80112	<.01	<.001
69	80113	<.01	<.001
70	80114	0.03	0.001
74	80118	0.03	0.001
75	80119	0.02	0.001
76	80120	0.04	0.001
77	80121	0.02	0.001
79	80122	0.03	0.001
80	80123	0.04	0.001
81	80124	0.05	0.001
82	80125	0.01	<.001
83	80126	0.02	0.001
84	80127	0.07	0.002
87	80131	0.01	<.001
89	80133	0.02	0.001
90	80134	0.01	<.001
91	80135	0.02	0.001
93	80137	0.03	0.001
95	80139	0.02	0.001
96	80140	0.03	0.001
97	80141	0.01	<.001
99	80143	0.01	<.001
102	80146	0.03	0.001
104	80148	0.07	0.002
105	80149	0.02	0.001
106	80150	0.03	0.001
107	80151	0.03	0.001

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TARCO OIL & GAS AK 1345A2 27-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
108	80152	0.01	<.001
109	80153	<.01	<.001
110	80154	<.01	<.001
112	80156	<.01	<.001
113	80157	0.01	<.001

QC/DATA:

Repeat:

30	80074	<.01	<.001
38	80082	0.01	<.001
65	80109	0.03	0.001
74	80118	0.01	<.001
95	80139	0.02	0.001

Standard:

STD-M	1.25	0.036
STD-M	1.29	0.038

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Fax (250) 573-4557

CERTIFICATE OF ANALYSIS AK 96-1345G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

20-Jan-97

ATTENTION: GARY STEWART
HOLE # 10
No. of samples received:145
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
25	80069	0.3	1095	37
26	80070	1.1	2080	32
27	80071	0.3	1752	5
29	80073	0.7	1934	2
30	80074	0.3	958	3
31	80075	<0.1	404	5
32	80076	0.4	1182	19
33	80077	0.2	1692	8
34	80078	2.6	8620	17
36	80080	1.0	2880	5
37	80081	0.4	1234	8
38	80082	0.8	1194	3
39	80083	1.2	1790	6
40	80084	0.4	1520	6
41	80085	1.3	1895	9
43	80087	5.6	5760	50
44	80088	2.5	2510	42
45	80089	3.6	4340	-
47	80091	5.3	7240	16
48	80092	1.0	1711	19
49	80093	0.5	812	73

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B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-1345G2

20-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
51	80095	1.2	1760	27
52	80096	0.6	1059	7
54	80098	-	-	33
55	80099	1.2	2019	16
56	80100	3.5	4290	16
57	80101	1.9	2340	15
58	80102	0.6	1037	16
60	80104	<0.1	211	12
61	80105	3.0	2670	1
62	80106	5.6	5880	7
63	80107	0.5	1070	7
64	80108	0.7	767	80
65	80109	0.5	151	672
66	80110	0.1	92	16
67	80111	1.0	1452	12
68	80112	2.4	2380	43
69	80113	1.6	3230	17
70	80114	3.4	5970	7
72	80116	4.5	6380	23
73	80117	1.6	1366	10
74	80118	0.6	933	5
75	80119	0.5	648	1
76	80120	0.7	1370	18
77	80121	0.3	949	1
79	80123	1.4	2360	36
80	80124	1.6	1836	20
81	80125	2.2	2620	8
82	80126	0.7	617	18
83	80127	1.7	1768	50
84	80128	6.0	-	22
85	80129	-	-	10
87	80131	1.0	785	8
89	80133	0.7	785	5
90	80134	2.1	2080	3
91	80135	4.0	4220	4
93	80137	4.8	5240	1
95	80139	3.9	4996	15
96	80140	7.4	-	8
97	80141	2.6	2290	7
99	80143	1.0	264	3
100	80144	8.5	8010	59

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TARCO OIL & GAS LTD. AK 96-1345G2

20-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
102	80146	9.0		62
104	80148	-	-	25
105	80149	2.8	2780	4
106	80150	6.2	-	1
107	80151	3.1	3070	1
108	80152	0.8	362	2
109	80153	<0.1	228	2
110	80154	0.9	80	2
112	80156	<0.1	260	2
113	80157	0.6	522	<1
QC/DATA				
Repeat:				
25	80069	0.5	1105	31
37	80081	0.6	1208	6
48	80092	0.9	1740	16
60	80104	<0.1	223	11
68	80112	1.9	2600	42
80	80124	1.9	1852	20
91	80135	4.1	4310	4
Standard:				
GEO'97		1.6	83	<1

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CERTIFICATE OF ANALYSIS AK 96-1346G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

20-Jan-97

ATTENTION: GARY STEWART
HOLE # 14
No. of samples received: 114
Sample type: ROCK
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
80	80342	0.3	851	7
81	80343	4.2	5650	-
82	80344	0.6	1410	65
83	80345	0.9	1922	37
84	80346	4.7	6440	-
85	80347	4.3	3450	31
86	80348	2.4	3700	25
87	80349	2.2	2900	-
88	80350	1.8	2014	72
89	80351	0.5	737	46
90	80352	0.2	935	11
91	80353	0.9	1738	34
92	80354	<.1	410	24
93	80355	2.0	798	90
94	80356	0.7	1975	102
95	80357	0.2	57	74
96	80358	<.1	673	6
97	80359	0.2	353	7
98	80360	0.3	460	6
99	80361	0.6	1338	99
100	80362	0.4	472	37

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-1346G2 20-Jan-97

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
101	80363	0.2	355	10
102	80364	0.1	449	14
103	80365	<.1	234	14
104	80366	0.3	771	5
105	80367	3.5	7170	7
106	80368	1.1	2620	9
QC DATA:				
Resplit:				
R/S 106	80368	1.6	2920	10
Repeat:				
80	80342	0.4	859	10
89	80351	0.5	779	47
98	80360	0.3	406	7
Standard:				
GEO'97		1.2	87	1

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CERTIFICATE OF ASSAY AK 96-1346A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

16-Jan-97

ATTENTION: GARY STEWART
HOLE # 14
No. of samples received:114
Sample type:CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
80	80342	<.03	<.001
81	80343	0.03	0.001
82	80344	0.03	0.001
83	80345	<.03	<.001
84	80346	0.06	0.002
85	80347	0.03	0.001
86	80348	0.03	0.001
87	80349	<.03	<.001
88	80350	<.03	<.001
89	80351	<.03	<.001
90	80352	<.03	<.001
91	80353	0.03	0.001
92	80354	<.03	<.001
93	80355	0.04	0.001
94	80356	<.03	<.001
95	80357	0.03	0.001
96	80358	<.03	<.001
97	80359	<.03	<.001
98	80360	0.03	0.001
99	80361	<.03	<.001
100	80362	0.04	0.001
101	80363	0.04	0.001

ECO-TECH LABORATORIES LTD.
Per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

TARCO OIL & GAS AK 96-1346A2 16-Jan-97

ET #.	Tag #	Au (g/t)	Au (oz/t)
102	80364	0.03	0.001
103	80365	<.03	<.001
104	80366	0.04	0.001
105	80367	0.04	0.001
106	80368	<.03	<.001

QC/DATA:

Resplit:

R/S 106	80368	<.03	<.001

Repeat:

80	80342	0.05	0.001
103	80365	<.03	<.001

Standard:

STD-M		1.36	0.040

per

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Fax (250) 573-4557

CERTIFICATE OF ASSAY AK 96-1348A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

14-Jan-97

ATTENTION: GARY STEWART
HOLE #13
No. of samples received: 70
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	80401	<.03	0.01
2	80402	<.03	0.01
3	80403	<.03	0.01
4	80404	<.03	0.01
5	80405	<.03	0.01
6	80406	<.03	0.01
7	80407	<.03	0.01
8	80408	<.03	0.01
9	80409	<.03	0.01
10	80410	<.03	0.01
11	80411	<.03	0.01
12	80412	<.03	0.01
13	80413	<.03	0.01
14	80414	<.03	0.01
QC/DATA:			
Resplit:			
R/S 1	80401	<.03	0.01
Repeat:			
1	80401	<.03	0.01
Standard:			
STD-M		1.35	0.039

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

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CERTIFICATE OF ANALYSIS AK 96-1348G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

20-Jan-97

ATTENTION: GARY STEWART
HOLE # 13
No. of samples received: 70
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY

ET #.	Tag #	Ag (ppm)	Cu (ppm)	Mo (ppm)
1	80401	2.6	4870	10
2	80402	0.1	761	8
3	80403	5.5	9170	80
4	80404	2.0	3690	6
5	80405	0.6	939	3
6	80406	1.5	2074	29
7	80407	0.2	563	9
8	80408	0.1	219	11
9	80409	0.3	686	46
10	80410	1.5	2060	3
11	80411	0.4	324	1
12	80412	0.4	517	3
13	80413	1.2	1740	17
14	80414	1.1	1658	34
QC DATA:				
Resplit:				
R/S 1		3.1	5140	12
Repeat:				
1		2.7	4940	8
Standard:				
GEO'97		1.5	97	1

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

..LS/96Tarco

15-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1312

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received:72
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79651	5	<0.2	0.81	<5	60	<5	1.40	<1	8	81	645	2.08	<10	0.59	334	12	0.02	7	420	<2	5	<20	21	<0.01	<10	39	<10	12	20
2	79652	5	<0.2	0.60	<5	50	<5	2.36	<1	7	74	70	1.98	10	0.51	328	8	0.02	6	310	<2	<5	<20	28	<0.01	<10	33	<10	16	17
3	79653	5	<0.2	0.55	<5	30	<5	1.84	<1	7	69	75	1.76	10	0.46	315	5	0.02	5	320	<2	<5	<20	29	<0.01	<10	36	<10	17	14
4	79654	5	<0.2	0.72	<5	55	<5	1.99	<1	8	96	104	2.01	10	0.75	400	7	0.03	7	380	2	5	<20	34	<0.01	<10	42	<10	17	19
5	79655	5	<0.2	0.79	<5	45	<5	2.40	<1	9	69	140	2.06	10	0.71	353	5	0.02	6	450	2	5	<20	39	<0.01	<10	36	<10	15	21
6	79656	5	<0.2	0.77	<5	65	<5	1.80	<1	9	62	97	2.27	<10	0.77	363	9	0.03	7	450	<2	5	<20	45	0.01	<10	49	<10	14	14
7	79657	5	<0.2	0.84	<5	50	<5	1.44	<1	9	78	116	2.14	<10	0.79	352	6	0.04	8	430	<2	<5	<20	46	0.02	<10	49	<10	13	18
8	79658	5	<0.2	0.85	<5	65	<5	2.09	<1	10	62	58	2.38	<10	1.21	449	4	0.04	8	470	<2	10	<20	55	0.01	<10	57	<10	14	20
9	79659	5	<0.2	0.63	<5	65	<5	2.17	<1	8	67	100	1.97	10	1.07	380	5	0.03	5	370	<2	10	<20	50	<0.01	<10	42	<10	15	16
10	79660	5	<0.2	0.79	<5	60	<5	1.51	<1	8	71	51	2.04	<10	0.73	364	5	0.04	7	400	<2	<5	<20	43	0.01	<10	50	<10	14	16
11	79661	5	<0.2	0.81	<5	75	<5	1.86	<1	8	65	288	2.02	<10	0.80	402	13	0.05	7	430	<2	10	<20	54	<0.01	<10	48	<10	12	16
12	79662	5	<0.2	0.73	<5	70	<5	2.34	<1	9	65	254	2.16	<10	0.91	528	7	0.04	7	430	<2	<5	<20	54	0.01	<10	46	<10	16	17
13	79663	5	<0.2	0.70	<5	100	<5	1.94	<1	8	88	103	1.97	<10	0.71	395	18	0.05	6	370	<2	<5	<20	45	0.01	<10	47	<10	14	16
14	79664	5	<0.2	0.69	<5	85	<5	1.94	<1	8	87	78	2.00	<10	0.73	401	18	0.04	19	360	2	<5	<20	45	0.01	<10	49	<10	14	16
15	79665	5	<0.2	0.58	<5	60	<5	1.79	<1	6	111	147	1.74	<10	0.58	426	12	0.04	5	280	2	<5	<20	36	<0.01	<10	28	<10	14	11
16	79666	10	<0.2	0.77	<5	70	<5	1.95	<1	9	85	363	2.37	<10	0.83	489	26	0.04	7	400	<2	<5	<20	45	0.01	<10	47	<10	12	18
17	79667	5	<0.2	0.69	<5	75	<5	1.30	<1	9	85	171	2.18	10	0.72	382	7	0.05	7	370	2	<5	<20	41	0.02	<10	52	<10	18	16
18	79668	5	<0.2	0.66	<5	80	<5	1.25	<1	7	85	275	1.95	10	0.66	377	5	0.05	6	370	<2	<5	<20	38	0.01	<10	48	<10	14	14
19	79669	5	<0.2	0.75	<5	80	<5	1.96	<1	8	97	150	2.07	10	0.70	452	5	0.06	7	370	2	<5	<20	41	0.01	<10	50	<10	16	14
20	79670	5	<0.2	0.64	<5	100	<5	1.53	<1	8	79	682	2.08	10	0.84	371	6	0.05	6	380	<2	<5	<20	68	<0.01	<10	49	<10	16	14

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79671	5	<0.2	0.62	<5	275	<5	1.94	<1	7	72	167	2.06	10	0.84	422	4	0.06	6	370	<2	5	<20	76	0.01	<10	49	<10	19	16
22	79672	5	<0.2	0.65	<5	85	<5	1.97	<1	8	91	224	1.96	10	0.71	392	5	0.05	8	390	<2	5	<20	50	0.01	<10	48	<10	19	15
23	79673	15	<0.2	0.65	<5	120	<5	2.11	<1	8	100	217	2.07	10	0.85	466	6	0.06	7	370	<2	10	<20	79	<0.01	<10	47	<10	16	17
24	79674	5	<0.2	0.55	<5	105	<5	2.05	<1	5	76	69	1.45	<10	0.55	396	4	0.04	4	350	<2	<5	<20	51	<0.01	<10	28	<10	11	10
25	79675	5	<0.2	0.59	<5	210	<5	2.35	<1	6	61	193	1.74	<10	0.86	549	5	0.05	5	340	<2	5	<20	85	<0.01	<10	29	<10	12	14
26	79676	10	<0.2	0.46	<5	260	<5	3.10	<1	6	74	167	1.78	<10	0.97	516	22	0.06	4	310	<2	5	<20	118	<0.01	<10	28	<10	14	9
27	79677	5	<0.2	0.48	<5	245	<5	3.53	<1	5	58	1242	1.61	<10	1.22	550	143	0.06	4	300	<2	10	<20	157	<0.01	<10	21	<10	13	8
28	79678	5	<0.2	0.54	<5	525	<5	2.59	<1	4	73	608	1.55	<10	0.57	444	64	0.06	4	330	<2	<5	<20	87	<0.01	<10	29	<10	13	9
29	79679	5	<0.2	0.59	<5	285	<5	2.69	<1	7	46	347	2.05	<10	0.80	536	3	0.07	6	320	<2	5	<20	117	<0.01	<10	29	<10	13	10
30	79680	10	2.0	0.63	<5	210	<5	4.57	<1	10	44	3471	2.34	<10	0.76	799	5	0.04	7	250	<2	5	<20	75	<0.01	<10	21	<10	13	19
31	79681	5	1.2	0.68	<5	320	<5	2.36	<1	7	66	2415	1.96	<10	0.58	536	5	0.05	6	350	<2	5	<20	59	<0.01	<10	30	<10	13	12
32	79682	5	1.4	0.29	<5	165	<5	3.67	<1	4	84	1887	1.41	<10	0.25	613	9	0.02	3	320	<2	<5	<20	42	<0.01	<10	9	<10	14	7
33	79683	5	<0.2	0.68	<5	225	<5	2.90	<1	7	82	1106	1.94	<10	0.63	534	6	0.03	6	340	<2	10	<20	49	<0.01	<10	24	<10	11	12
34	79684	5	2.0	0.61	<5	320	<5	4.06	<1	7	46	2706	2.02	<10	0.49	723	11	0.03	5	330	<2	<5	<20	62	<0.01	<10	23	<10	9	14
35	79685	5	<0.2	1.05	<5	155	<5	3.04	<1	14	42	919	2.50	<10	0.91	665	11	0.03	9	330	<2	10	<20	51	<0.01	<10	29	<10	6	24
36	79686	5	<0.2	0.69	<5	120	<5	2.50	<1	7	64	693	1.88	<10	0.71	625	5	0.03	5	350	<2	<5	<20	46	<0.01	<10	24	<10	11	12
37	79687	5	<0.2	1.07	<5	80	<5	2.59	<1	10	80	1056	2.09	<10	0.82	567	6	0.03	6	370	<2	<5	<20	38	<0.01	<10	29	<10	11	18
38	79688	80	<0.2	1.05	<5	100	<5	2.38	<1	10	83	578	2.33	<10	0.87	553	5	0.03	6	360	<2	5	<20	42	<0.01	<10	33	<10	9	18
39	79689	110	6.8	0.95	<5	95	<5	2.53	<1	10	81	6217	2.71	<10	0.76	915	7	0.02	8	250	<2	<5	<20	34	<0.01	<10	29	<10	11	24
40	79690	55	6.2	0.48	<5	60	<5	2.77	<1	5	119	9783	1.49	<10	0.28	799	6	0.01	4	150	<2	<5	<20	25	<0.01	<10	13	<10	9	8
41	79691	205	18.8	0.54	<5	65	<5	3.15	<1	7	81	>10000	1.75	<10	0.41	767	4	0.01	4	<10	<2	<5	<20	34	<0.01	<10	16	10	10	13
42	79692	5	<0.2	0.88	<5	85	<5	3.36	<1	10	78	154	2.05	<10	0.78	988	5	0.02	7	320	<2	5	<20	45	<0.01	<10	24	<10	18	23
43	79693	10	<0.2	1.04	<5	100	<5	2.88	<1	11	52	664	2.30	<10	0.93	998	7	0.03	8	370	<2	10	<20	45	<0.01	<10	26	<10	12	26
44	79694	5	<0.2	0.92	<5	85	<5	2.44	<1	9	74	585	2.13	<10	0.80	905	5	0.02	6	390	<2	5	<20	37	<0.01	<10	34	<10	10	22
45	79695	5	6.2	1.01	<5	90	<5	2.57	<1	11	77	6842	2.27	<10	0.87	817	4	0.03	7	310	<2	10	<20	36	<0.01	<10	30	<10	11	22
46	79696	5	<0.2	1.07	<5	80	<5	1.53	<1	12	69	414	2.40	<10	0.93	627	5	0.03	8	400	<2	5	<20	25	<0.01	<10	33	<10	8	24
47	79697	5	<0.2	0.82	<5	105	<5	1.62	<1	9	84	529	2.05	<10	0.75	545	9	0.04	6	340	<2	<5	<20	37	<0.01	<10	34	<10	12	14
48	79698	5	<0.2	0.86	<5	95	<5	1.53	<1	10	95	298	2.20	<10	0.77	475	16	0.04	6	330	<2	<5	<20	35	<0.01	<10	36	<10	11	15
49	79699	10	<0.2	0.86	<5	100	<5	1.99	<1	10	78	648	2.25	<10	0.83	653	43	0.04	6	390	<2	<5	<20	39	<0.01	<10	37	<10	12	18
50	79700	5	<0.2	0.76	<5	115	<5	1.85	<1	8	80	477	2.16	<10	0.72	562	9	0.04	5	380	<2	<5	<20	45	<0.01	<10	41	<10	12	16
51	79701	5	<0.2	0.83	<5	85	<5	2.09	<1	9	83	307	2.11	<10	0.74	765	24	0.03	6	380	<2	<5	<20	36	<0.01	<10	34	<10	12	16
52	79702	10	<0.2	0.89	<5	85	<5	2.35	<1	10	83	401	2.23	<10	0.81	781	8	0.02	6	390	<2	5	<20	35	<0.01	<10	33	<10	11	19
53	79703	5	<0.2	0.38	<5	110	<5	3.21	<1	8	79	483	1.59	<10	0.47	945	408	0.02	4	360	<2	<5	<20	42	<0.01	<10	10	<10	14	14
54	79704	5	<0.2	0.50	<5	90	<5	1.88	<1	7	120	367	1.53	<10	0.41	621	216	0.03	5	380	<2	<5	<20	30	<0.01	<10	18	<10	13	13
55	79705	5	<0.2	0.3[illegible]	<5	115	<5	2.76	<1	8	100	366	1.49	<10	0.79	981	1094	0.02	4	350	4	<5	<20	37	<0.01	<10	13	<10	15	13

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	79706	25	<0.2	0.28	<5	135	<5	2.95	<1	7	106	781	1.52	<10	0.81	1106	17	0.02	5	350	<2	10	<20	43	<0.01	<10	11	<10	12	10
57	79707	5	0.4	0.25	20	80	<5	2.58	<1	5	74	1910	0.76	<10	0.16	819	318	0.02	2	430	4	<5	<20	31	<0.01	<10	3	<10	13	13
58	79708	10	<0.2	0.92	<5	130	<5	0.51	<1	22	61	2376	3.51	<10	1.13	943	9	0.01	14	270	<2	<5	<20	15	<0.01	<10	50	<10	1	52
59	79709	195	0.8	1.02	<5	85	<5	0.25	<1	22	57	6046	3.43	<10	1.03	651	768	0.02	15	80	6	5	<20	14	<0.01	<10	39	<10	<1	42
60	79710	5	4.6	1.18	<5	105	<5	0.66	<1	20	51	2721	2.97	<10	1.21	767	27	0.02	15	430	<2	10	<20	20	<0.01	<10	45	<10	9	40
61	79711	5	<0.2	0.38	<5	140	<5	1.42	<1	8	71	1223	1.36	<10	0.68	701	10	0.02	5	430	6	10	<20	30	<0.01	<10	17	<10	12	18
62	79712	85	11.8	0.69	<5	85	<5	0.36	2	15	107	>10000	2.69	<10	0.71	726	10	0.02	10	180	<2	5	<20	12	<0.01	<10	24	<10	6	36
63	79713	10	1.2	0.74	<5	80	<5	0.19	<1	11	95	2543	1.92	<10	0.66	488	6	0.02	7	400	<2	<5	<20	11	<0.01	<10	19	<10	6	26
64	79714	5	1.4	0.94	<5	80	<5	0.24	<1	12	108	2834	1.99	<10	0.90	434	7	0.02	9	440	<2	10	<20	12	<0.01	<10	28	<10	9	27
65	79715	5	<0.2	0.64	<5	90	<5	1.11	<1	7	95	152	1.38	<10	0.61	525	17	0.03	6	400	<2	<5	<20	22	<0.01	<10	26	<10	11	18
66	79716	5	0.2	0.71	<5	100	<5	1.59	<1	10	77	1250	1.75	<10	0.70	742	89	0.03	7	480	<2	5	<20	29	<0.01	<10	30	<10	17	25
67	79717	5	<0.2	0.38	<5	95	<5	1.51	<1	7	100	924	1.39	<10	0.33	667	213	0.02	5	370	<2	<5	<20	23	<0.01	<10	16	<10	14	17
68	79718	5	5.2	0.33	<5	100	<5	1.77	<1	8	90	4804	1.58	10	0.46	825	103	0.01	5	370	<2	<5	<20	27	<0.01	<10	17	<10	12	19
69	79719	150	0.8	0.25	<5	100	<5	1.27	<1	5	107	3384	1.26	<10	0.45	661	21	0.01	4	370	4	5	<20	20	<0.01	<10	12	<10	11	10
70	79720	5	0.6	0.28	<5	90	<5	1.26	<1	7	110	1449	1.33	<10	0.18	688	20	0.02	5	320	<2	<5	<20	25	<0.01	<10	13	<10	8	14
71	79721	5	<0.2	0.47	<5	90	<5	1.37	<1	5	92	240	1.18	<10	0.39	585	16	0.04	5	400	<2	<5	<20	31	<0.01	<10	27	<10	14	14
72	79722	5	<0.2	0.34	<5	75	<5	1.24	<1	5	95	181	0.84	<10	0.28	510	118	0.03	4	370	2	<5	<20	22	<0.01	<10	13	<10	8	13

TARCO OIL & GAS | ICP CERTIFICATE OF ANALYSIS AK 96-1312 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	79651	5	<0.2	0.83	<5	60	<5	1.41	<1	8	81	665	2.06	<10	0.61	339	10	0.02	6	430	<2	<5	<20	20	0.01	<10	38	<10	12	19
36	79686	5	<0.2	0.70	<5	125	<5	2.57	<1	7	68	710	1.97	<10	0.71	635	6	0.03	4	360	<2	<5	<20	46	<0.01	<10	26	<10	12	12
71	69721	5	<0.2	0.50	<5	95	<5	1.32	<1	5	106	260	1.19	<10	0.40	555	20	0.04	5	410	<2	<5	<20	29	<0.01	<10	27	<10	13	18
Repeat:																														
1	79651	5	<0.2	0.82	<5	60	<5	1.44	<1	8	82	671	2.11	<10	0.61	342	12	0.02	7	450	<2	<5	<20	20	<0.01	<10	39	<10	12	20
10	79660	5	<0.2	0.76	<5	60	<5	1.48	<1	8	68	54	1.99	<10	0.71	356	5	0.04	7	390	<2	<5	<20	43	0.01	<10	49	<10	14	15
19	79669	5	<0.2	0.73	<5	80	<5	1.95	<1	8	95	155	2.04	10	0.69	450	5	0.06	7	370	<2	<5	<20	40	0.01	<10	50	<10	16	14
36	79686	5	<0.2	0.74	<5	125	<5	2.63	<1	8	69	708	2.00	<10	0.74	655	6	0.03	4	370	<2	<5	<20	47	<0.01	<10	26	<10	12	14
45	79695	5	5.8	1.02	<5	90	<5	2.59	<1	11	83	6658	2.32	<10	0.87	820	6	0.03	8	310	<2	10	<20	36	<0.01	<10	31	<10	11	22
54	79704	5	<0.2	0.52	<5	90	<5	1.86	<1	8	119	381	1.53	<10	0.42	617	231	0.03	5	370	<2	<5	<20	31	<0.01	<10	18	<10	13	13
71	79721	5	<0.2	0.48	<5	90	<5	1.41	<1	5	96	248	1.22	<10	0.40	600	17	0.04	5	420	<2	<5	<20	31	<0.01	<10	27	<10	14	16
Standard:																														
GEO'96		150	1.0	1.70	65	160	<5	1.87	<1	20	64	76	4.02	<10	1.07	710	3	0.02	23	670	18	5	<20	53	0.09	<10	72	<10	8	72
GEO'96		145	1.0	1.76	70	165	<5	1.90	<1	21	62	79	3.66	<10	1.09	690	3	0.02	24	700	20	5	<20	55	0.09	<10	74	<10	9	70
GEO'96		145	1.2	1.76	60	160	<5	1.86	1	20	66	76	3.72	<10	1.10	660	3	0.02	24	690	18	5	<20	55	0.10	<10	75	<10	8	68

df/1312a
XLS/96TARCO#3

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

21-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1319

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z 1

ATTENTION: GARY STEWART

No. of samples received:75
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79723	10	0.4	0.31	<5	60	<5	0.86	<1	5	111	770	0.94	<10	0.23	486	682	0.02	5	250	4	<5	<20	9	<0.01	<10	9	<10	4	13
2	79724	20	0.8	0.26	<5	50	<5	1.91	<1	4	100	2141	0.83	<10	0.14	865	40	0.01	4	240	<2	<5	<20	14	<0.01	<10	6	<10	7	7
3	79725	35	0.4	0.08	<5	60	<5	0.57	<1	2	28	1175	0.55	<10	0.16	390	50	<0.01	4	40	<2	15	<20	27	<0.01	<10	2	<10	2	5
4	79726	40	<0.2	0.36	<5	65	<5	0.60	<1	6	106	1617	1.02	<10	0.30	511	195	0.02	8	500	6	25	<20	13	<0.01	<10	11	<10	7	12
5	79727	80	1.4	0.54	<5	60	<5	0.74	<1	9	70	2973	1.82	<10	0.57	811	52	0.02	6	470	2	<5	<20	11	<0.01	<10	16	<10	6	22
6	79728	15	<0.2	0.46	<5	60	<5	0.50	<1	7	81	1432	1.43	<10	0.41	603	309	<0.01	11	360	<2	40	<20	16	<0.01	<10	13	<10	5	20
7	79729	295	0.6	0.61	<5	90	<5	0.61	<1	11	85	2481	2.38	<10	0.61	1056	145	0.02	14	460	4	45	<20	17	<0.01	<10	21	<10	9	34
8	79730	150	<0.2	0.52	<5	65	<5	0.61	<1	10	85	6570	2.56	<10	0.53	856	11	0.02	12	430	<2	30	<20	13	<0.01	<10	17	<10	7	27
9	79731	60	9.2	0.35	<5	50	<5	0.39	<1	7	70	>10000	1.92	<10	0.28	442	330	0.01	4	220	4	<2	<20	14	0.01	<10	8	<10	3	14
10	79732	20	1.0	0.60	<5	80	<5	0.76	<1	12	105	236	2.09	<10	0.70	942	903	0.02	9	490	6	<5	<20	13	<0.01	<10	24	<10	9	34
11	79733	5	<0.2	0.81	<5	80	<5	0.64	<1	14	78	67	3.04	<10	0.96	1127	14	0.03	10	470	4	<5	<20	13	<0.01	<10	38	<10	10	47
12	79734	10	<0.2	0.56	<5	115	<5	0.95	<1	13	77	281	3.08	<10	0.83	1324	14	0.03	9	430	4	<5	<20	21	<0.01	<10	35	<10	10	46
13	79735	10	<0.2	0.54	<5	70	<5	0.68	<1	9	65	112	2.05	<10	0.69	744	88	0.01	7	390	6	<5	<20	9	<0.01	<10	28	<10	8	32
14	79736	5	<0.2	0.58	<5	65	<5	0.40	<1	9	112	445	1.68	<10	0.60	498	44	0.02	8	530	4	<5	<20	9	<0.01	<10	25	<10	8	28
15	79737	10	0.2	0.28	<5	65	<5	0.29	<1	5	110	139	0.98	<10	0.25	358	84	0.02	4	350	2	<5	<20	9	<0.01	<10	13	<10	7	14
16	79738	25	0.4	0.16	<5	60	<5	0.20	<1	7	154	124	0.41	<10	0.08	161	2592	0.01	6	150	12	<5	<20	8	<0.01	<10	2	<10	3	6
17	79739	25	3.2	0.29	<5	70	<5	0.11	<1	9	114	1728	0.48	<10	0.09	83	2928	0.02	6	210	14	<5	<20	14	<0.01	<10	2	<10	2	4
18	79740	30	4.2	0.28	10	65	<5	0.13	<1	7	119	2596	0.66	<10	0.09	105	1706	0.02	4	230	12	<5	<20	15	<0.01	<10	3	<10	3	14
19	79741	15	1.8	0.44	<5	75	<5	0.83	<1	9	96	2927	1.74	<10	0.58	512	151	0.03	6	370	6	<5	<20	19	<0.01	<10	19	<10	8	21
20	79742	5	<0.2	0.85	<5	70	<5	0.35	<1	12	80	64	2.86	<10	0.88	495	11	0.04	10	500	4	<5	<20	12	<0.01	<10	47	<10	5	35

TARCO OIL & GAS

ICP CERTIFICATE OF ANALYSIS AK 96-1319

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79743	5	<0.2	0.62	<5	85	<5	0.82	<1	13	87	121	3.50	<10	0.80	648	729	0.03	9	490	4	<5	<20	17	<0.01	<10	46	<10	4	35
22	79744	20	1.2	0.53	<5	100	<5	1.08	<1	9	69	1599	2.34	<10	0.73	553	42	0.04	6	470	4	<5	<20	26	<0.01	<10	29	<10	6	26
23	79745	15	1.2	0.63	<5	65	<5	0.38	<1	10	112	2124	3.03	<10	0.65	409	105	0.03	8	450	4	<5	<20	9	<0.01	<10	42	<10	5	31
24	79746	140	15.2	0.42	<5	75	<5	0.55	<1	9	74	>10000	3.12	<10	0.52	596	17	0.03	6	130	<2	<5	<20	?	0.01	<10	32	<10	7	30
25	79747	60	12.7	0.32	<5	64	<5	0.54	<1	9	69	>10000	3.32	<10	0.43	578	46	0.03	5	<10	<2	<5	<7	25	0.01	<10	28	<10	4	25
26	79748	70	5.6	0.27	<5	93	<5	0.91	<1	9	64	>10000	3.92	<10	0.60	683	478	0.03	5	30	4	<5	<39	24	0.01	<10	31	<10	4	23
27	79749	260	27.4	0.35	<5	38	<5	0.37	<1	13	68	>10000	4.66	<10	0.51	764	10	0.02	5	>10000	6	<5	14	15	<.22	<10	31	<10	<1	25
28	79750	115	12.8	0.23	<5	3	<5	0.64	<1	12	62	>10000	4.09	<10	0.41	643	61	0.02	3	60	4	<5	114	<23	0.03	<10	34	<10	6	19
29	79751	135	1.9	0.56	<5	79	<5	0.87	<1	10	82	3731	2.59	<10	0.75	588	21	0.02	6	360	8	<5	<2	17	0.01	<10	31	<10	8	25
30	79752	25	1.1	0.74	<5	81	<5	0.92	<1	12	65	2570	2.99	<10	0.94	700	5	0.02	8	370	8	<5	<23	19	0.01	<10	43	<10	11	31
31	79753	10	0.6	0.75	<5	68	<5	0.34	<1	11	112	1388	2.70	<10	0.76	524	43	0.03	7	460	8	<5	<25	12	0.01	<10	40	<10	11	29
32	79754	10	0.7	0.66	<5	107	<5	0.89	<1	10	75	1544	2.76	<10	0.78	743	87	0.04	7	460	8	<5	<35	28	0.01	<10	44	<10	10	27
33	79755	5	0.4	0.50	<5	100	<5	0.84	<1	10	73	416	2.56	<10	0.59	586	38	0.05	7	450	4	<5	<20	24	<0.01	<10	43	<10	12	24
34	79756	10	<0.2	0.55	<5	185	<5	0.83	<1	6	79	1022	1.96	<10	0.49	376	261	0.06	5	470	4	<5	<20	42	0.02	<10	43	<10	13	18
35	79757	5	<0.2	0.61	<5	175	<5	0.38	<1	7	87	134	2.07	<10	0.44	288	54	0.07	6	460	4	<5	<20	41	0.02	<10	42	<10	9	13
36	79758	5	<0.2	0.59	<5	175	<5	0.57	<1	8	61	237	1.97	<10	0.47	327	434	0.07	4	410	6	<5	<20	43	0.02	<10	40	<10	9	11
37	79759	5	0.2	0.58	<5	185	<5	0.59	<1	6	58	646	1.76	<10	0.42	328	269	0.07	5	490	4	<5	<20	48	0.01	<10	39	<10	10	11
38	79760	10	1.4	0.48	20	110	<5	0.91	<1	8	90	2490	2.00	<10	0.52	480	350	0.05	6	490	4	<5	<20	31	<0.01	<10	40	<10	11	21
39	79761	40	2.6	0.17	115	45	<5	0.18	<1	4	118	2966	0.67	<10	0.08	137	247	0.02	4	150	<2	<5	<20	3	<0.01	<10	5	<10	3	18
40	79762	10	0.6	0.18	10	50	<5	0.09	<1	5	157	541	0.47	<10	0.06	127	656	0.02	4	140	4	<5	<20	9	<0.01	<10	3	<10	4	6
41	79763	20	<0.2	0.25	<5	55	<5	1.19	<1	5	111	152	0.68	<10	0.32	475	1428	0.02	3	210	6	<5	<20	19	<0.01	<10	3	<10	7	8
42	79764	10	1.2	0.51	<5	90	<5	2.84	2	9	92	1145	2.53	<10	1.00	1185	77	0.03	6	470	4	10	<20	39	<0.01	<10	29	<10	13	27
43	79765	5	1.2	0.63	<5	80	<5	0.78	<1	10	73	1188	2.62	<10	0.76	631	107	0.04	7	480	6	<5	<20	20	<0.01	<10	48	<10	8	27
44	79766	10	<0.2	0.35	<5	55	<5	0.24	<1	4	130	129	0.89	<10	0.32	191	697	0.03	5	230	2	<5	<20	13	<0.01	<10	15	<10	3	13
45	79767	5	1.0	0.45	<5	110	<5	1.45	<1	5	71	1285	1.38	10	0.68	486	66	0.05	4	420	4	5	<20	44	<0.01	<10	28	<10	12	15
46	79768	5	1.2	0.47	<5	90	<5	1.43	<1	5	91	2094	1.61	<10	0.66	331	126	0.05	5	450	4	<5	<20	36	<0.01	<10	30	<10	11	13
47	79769	10	0.4	0.42	<5	70	<5	0.94	<1	7	76	516	1.77	10	0.48	320	42	0.04	6	440	4	<5	<20	24	<0.01	<10	35	<10	11	19
48	79770	5	0.4	0.64	<5	70	<5	0.51	<1	11	103	646	2.68	<10	0.72	406	100	0.04	7	410	4	<5	<20	17	<0.01	<10	43	<10	8	28
49	79771	10	0.4	0.68	<5	65	<5	0.41	<1	12	77	568	2.79	<10	0.74	438	59	0.04	8	430	448	<5	<20	15	<0.01	<10	44	<10	9	28
50	79772	5	<0.2	0.60	<5	90	<5	0.56	<1	10	90	285	2.60	<10	0.64	378	15	0.05	7	400	6	<5	<20	28	<0.01	<10	44	<10	11	21
51	79773	25	2.0	0.48	<5	70	<5	0.33	<1	11	73	3308	4.31	<10	0.53	343	7	0.03	6	370	<2	<5	<20	15	0.02	<10	57	<10	1	23
52	79774	5	<0.2	0.50	<5	70	<5	0.83	<1	8	98	342	2.22	<10	0.69	344	7	0.04	6	420	2	<5	<20	25	<0.01	<10	46	<10	10	20
53	79775	5	<0.2	0.49	<5	110	<5	0.68	<1	7	67	40	2.10	<10	0.51	264	5	0.06	6	440	4	<5	<20	42	<0.01	<10	46	<10	15	14
54	79776	5	0.4	0.47	<5	85	<5	0.39	<1	9	102	282	2.14	10	0.52	413	6	0.04	7	430	4	<5	<20	22	<0.01	<10	37	<10	13	29
55	79777	5	0.2	0.47	<5	80	<5	0.33	<1	9	83	343	1.87	20	0.50	398	5	0.04	6	430	4	<5	<20	23	<0.01	<10	25	<10	13	28

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	79778	5	<0.2	0.41	<5	85	<5	0.37	<1	6	93	151	1.48	20	0.39	287	4	0.05	5	440	4	<5	<20	30	<0.01	<10	25	<10	16	21
57	79779	10	<0.2	0.43	<5	85	<5	0.56	<1	7	79	139	1.51	20	0.45	333	4	0.05	5	430	4	<5	<20	31	<0.01	<10	25	<10	16	21
58	79780	10	<0.2	0.42	<5	85	<5	1.02	<1	9	122	196	2.21	<10	0.68	517	8	0.03	7	480	4	<5	<20	26	<0.01	<10	32	<10	13	25
59	79781	5	<0.2	0.74	<5	95	<5	1.23	<1	10	63	42	2.31	<10	1.00	392	5	0.05	6	510	2	<5	<20	45	<0.01	<10	49	<10	10	26
60	79782	5	<0.2	0.45	<5	100	<5	0.68	<1	8	70	98	2.07	10	0.49	367	25	0.06	8	540	<2	<5	<20	39	<0.01	<10	46	<10	13	20
61	79783	5	0.2	0.66	<5	90	<5	0.46	<1	11	70	509	2.84	<10	0.69	402	6	0.05	8	550	4	<5	<20	28	<0.01	<10	53	<10	9	26
62	79784	5	<0.2	0.58	<5	105	<5	0.93	<1	10	84	36	2.83	<10	0.64	493	6	0.06	8	490	2	<5	<20	43	<0.01	<10	54	<10	13	25
63	79785	5	<0.2	0.68	<5	80	<5	1.22	<1	11	71	61	2.51	<10	0.86	457	75	0.04	8	510	6	5	<20	39	<0.01	<10	38	<10	9	27
64	79786	10	0.4	0.80	<5	130	<5	1.66	<1	9	72	526	2.59	<10	0.94	373	21	0.08	8	500	2	<5	<20	76	<0.01	<10	46	<10	10	25
65	79787	5	0.2	0.81	<5	80	<5	1.43	<1	11	75	389	2.88	<10	0.98	348	49	0.05	7	520	4	<5	<20	41	<0.01	<10	52	<10	10	27
66	79788	5	<0.2	0.86	<5	345	<5	1.65	<1	9	91	151	2.73	<10	0.91	320	9	0.05	8	520	6	<5	<20	38	0.02	<10	54	<10	11	25
67	79789	10	<0.2	0.89	<5	135	<5	1.74	<1	11	55	302	2.86	<10	1.07	370	7	0.07	8	510	6	<5	<20	74	<0.01	<10	51	<10	9	28
68	79790	5	<0.2	0.67	<5	150	<5	1.71	<1	9	71	71	2.53	<10	0.67	357	8	0.08	6	470	4	<5	<20	75	<0.01	<10	51	<10	15	18
69	79791	10	<0.2	0.74	<5	165	<5	2.42	<1	10	51	258	2.74	<10	0.86	349	7	0.08	8	550	6	<5	<20	92	<0.01	<10	36	<10	11	27
70	79792	5	<0.2	0.45	<5	410	<5	4.18	<1	7	65	218	2.03	<10	0.78	581	17	0.06	6	390	<2	<5	<20	83	<0.01	<10	21	<10	16	19
71	79793	10	0.4	0.47	<5	355	<5	4.46	<1	7	45	460	1.84	<10	0.56	520	16	0.04	5	480	2	<5	<20	62	<0.01	<10	23	<10	14	23
72	79794	5	<0.2	0.48	<5	130	<5	5.14	<1	9	46	318	2.11	<10	0.57	597	21	0.05	8	480	2	<5	<20	75	<0.01	<10	26	<10	14	23
73	79795	5	<0.2	0.37	<5	455	<5	4.58	<1	5	79	283	1.79	10	0.35	584	16	0.04	6	460	2	<5	<20	61	<0.01	<10	23	<10	14	19
74	79796	20	0.2	0.41	<5	180	<5	3.61	<1	10	35	258	2.44	<10	0.59	509	14	0.04	5	440	2	<5	<20	63	<0.01	<10	23	<10	11	29
75	79797	15	0.4	0.34	<5	100	<5	1.22	<1	5	31	363	1.29	<10	0.32	180	26	0.04	3	400	2	<5	<20	40	<0.01	<10	15	<10	5	18
QC DATA:																														
Resplit:																														
1	79723	10	0.6	0.31	<5	60	<5	0.86	<1	5	96	704	0.94	<10	0.22	488	710	0.02	5	230	4	<5	<20	9	<0.01	<10	8	<10	4	13
36	79758	5	<0.2	0.66	<5	190	<5	0.62	<1	8	68	242	2.04	<10	0.53	331	421	0.07	7	460	4	<5	<20	48	0.01	<10	46	<10	11	15
71	79793	15	0.4	0.42	<5	315	<5	4.28	<1	6	49	442	1.74	<10	0.54	499	14	0.04	6	460	2	<5	<20	62	<0.01	<10	22	<10	13	21
Repeat:																														
1	79723	10	0.6	0.32	<5	60	<5	0.87	<1	6	115	832	0.96	<10	0.23	495	703	0.02	5	250	4	<5	<20	10	<0.01	<10	8	<10	4	13
10	79732	15	1.0	0.58	<5	80	<5	0.75	<1	12	102	230	2.07	<10	0.69	931	904	0.02	7	480	6	<5	<20	15	<0.01	<10	24	<10	9	34
19	79741	20	1.6	0.44	<5	80	<5	0.85	<1	9	97	3112	1.80	<10	0.59	523	149	0.03	7	390	6	<5	<20	21	<0.01	<10	19	<10	8	21
36	79758	5	<0.2	0.62	<5	175	<5	0.59	<1	8	64	239	2.05	<10	0.49	342	448	0.07	6	430	4	<5	<20	[illegible]	0.02	<10	42	<10	10	11
45	79767	5	1.0	0.45	<5	105	<5	1.43	<1	5	70	1241	1.37	10	0.67	482	61	0.05	5	410	4	<5	<20	42	<0.01	<10	28	<10	11	15
54	79776	5	<0.2	0.48	<5	85	<5	0.38	<1	9	100	259	2.14	10	0.52	411	5	0.03	7	420	4	<5	<20	23	<0.01	<10	37	<10	13	28
71	79793	-	0.4	0.41	<5	320	<5	4.09	<1	6	41	425	1.76	<10	0.51	475	15	0.04	5	450	<2	5	<20	56	<0.01	<10	20	<10	12	23

TARCO OIL & GAS ICP CERTIFICATE OF ANALYSIS AK 96-1319 **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
Standard:																														
GEO'96		145	1.2	1.66	70	135	10	1.82	<1	19	59	79	3.91	<10	1.01	666	1	0.02	24	620	24	<5	<20	60	0.12	<10	74	<10	7	66
GEO'96		145	1.2	1.74	65	140	5	1.79	<1	19	63	70	4.11	<10	1.05	693	3	0.02	25	660	20	<5	<20	60	0.13	<10	78	<10	8	70
GEO'96		145	1.0	2.01	70	160	10	2.01	<1	22	71	79	4.06	<10	1.06	782	<1	0.02	24	790	22	<5	<20	52	0.14	<10	89	<10	10	80

df/1318b
XLS/96TARCO#3

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

21-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1318

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received:34
Sample type:ROCK
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79851	5	<0.2	0.77	<5	45	<5	3.33	<1	7	39	168	1.94	10	0.82	504	7	0.02	6	470	14	<5	<20	47	<0.01	<10	41	<10	21	55
2	79852	5	<0.2	0.93	<5	45	<5	3.40	<1	9	46	246	2.07	10	1.16	581	21	0.02	7	460	4	10	<20	54	<0.01	<10	41	<10	21	27
3	79853	5	<0.2	0.79	20	<5	<5	3.23	<1	8	58	328	1.93	10	0.69	515	13	0.02	6	600	12	<5	20	9	<0.01	<10	39	10	20	25
4	79854	5	<0.2	0.93	<5	65	<5	3.04	<1	10	55	558	2.25	<10	0.98	572	4	0.02	7	490	4	5	<20	49	<0.01	<10	42	<10	15	26
5	79855	5	<0.2	0.71	<5	100	<5	2.55	<1	8	56	167	2.14	10	0.93	462	3	0.03	6	490	4	5	<20	69	<0.01	<10	47	<10	14	18
6	79856	5	<0.2	0.72	<5	60	<5	2.06	<1	8	74	363	2.37	<10	0.65	369	9	0.03	7	480	4	<5	<20	45	<0.01	<10	55	<10	11	24
7	79857	5	<0.2	0.86	<5	70	<5	2.83	<1	10	64	348	2.57	10	1.13	564	14	0.03	8	460	4	5	<20	55	<0.01	<10	46	<10	16	26
8	79858	5	0.2	0.7'	<5	75	<5	2.66	<1	9	58	493	2.30	<10	1.20	518	4	0.03	6	440	6	<5	<20	60	<0.01	<10	39	<10	15	22
9	79859	5	<0.2	0.79	<5	70	<5	3.18	<1	10	65	518	2.48	<10	0.78	574	5	0.02	8	460	4	<5	<20	41	<0.01	<10	42	<10	14	26
10	79860	5	<0.2	0.73	<5	75	<5	2.29	<1	9	59	363	1.85	10	0.61	419	157	0.03	7	480	6	<5	<20	42	<0.01	<10	31	<10	17	18
11	79861	5	<0.2	0.73	<5	70	<5	4.26	<1	8	55	263	2.21	10	1.06	602	24	0.02	6	460	2	5	<20	61	<0.01	<10	22	<10	16	24
12	79862	10	<0.2	0.74	<5	85	<5	4.73	<1	12	55	246	3.17	<10	1.34	797	4	0.02	8	420	2	10	<20	68	<0.01	<10	30	<10	15	36
13	79863	5	<0.2	0.82	<5	75	<5	4.97	<1	10	63	241	2.51	<10	1.22	796	4	0.02	7	460	4	5	<20	63	<0.01	<10	35	<10	16	37
14	79864	10	0.4	0.93	<5	75	<5	3.29	<1	10	61	740	2.23	10	0.86	593	520	0.02	6	490	6	10	<20	44	<0.01	<10	32	<10	14	32
15	79865	5	0.2	0.97	<5	65	<5	2.81	<1	10	63	802	2.29	<10	0.80	526	69	0.02	7	500	6	<5	<20	35	<0.01	<10	37	<10	13	32
16	79866	5	<0.2	1.01	<5	80	<5	3.63	<1	13	59	403	2.95	<10	1.61	701	24	0.03	7	430	4	10	<20	77	<0.01	<10	40	<10	20	33
17	79867	5	<0.2	1.05	<5	75	<5	2.47	<1	11	70	399	2.64	10	1.06	571	16	0.03	8	500	6	5	<20	43	<0.01	<10	43	<10	16	30
18	79868	5	0.4	0.84	<5	70	<5	2.04	<1	11	66	353	2.62	<10	0.92	555	5	0.03	8	480	4	<5	<20	44	<0.01	<10	42	<10	14	28
19	79869	5	0.6	0.38	<5	100	<5	4.68	<1	9	64	373	2.17	<10	1.86	1219	106	0.02	4	410	2	10	<20	136	<0.01	<10	22	<10	20	20
20	79870	5	0.8	0.80	<5	90	<5	2.11	<1	13	67	1231	2.82	<10	1.17	604	25	0.03	8	500	6	10	<20	60	<0.01	<10	44	<10	11	32

TARCO OIL & GAS ICP CERTIFICATE OF ANALYSIS AK 96-1318 **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79871	5	0.2	0.79	<5	100	<5	2.78	<1	10	63	343	2.44	<10	1.05	646	8	0.04	6	500	4	5	<20	64	<0.01	<10	43	<10	14	29
22	79872	5	<0.2	0.60	<5	70	<5	1.84	<1	8	83	459	2.01	<10	0.53	397	36	0.04	6	460	2	<5	<20	35	<0.01	<10	46	<10	10	21
23	79873	5	<0.2	0.52	<5	95	<5	2.62	<1	8	76	177	1.91	10	0.68	558	5	0.04	6	420	2	<5	<20	69	<0.01	<10	38	<10	14	18
24	79874	5	<0.2	0.45	<5	110	<5	1.93	<1	7	86	81	1.89	<10	0.57	449	24	0.05	6	450	4	<5	<20	69	<0.01	<10	48	<10	11	16
25	79875	10	<0.2	0.42	<5	115	<5	1.73	<1	6	77	48	1.81	10	0.59	406	13	0.05	5	430	<2	<5	<20	72	<0.01	<10	48	<10	15	16
26	79876	5	<0.2	0.62	<5	90	<5	1.63	<1	10	102	245	2.37	10	0.62	428	8	0.04	8	460	4	<5	<20	41	<0.01	<10	54	<10	12	21
27	79877	10	<0.2	0.57	<5	115	<5	1.79	<1	9	75	225	2.28	10	0.60	466	5	0.04	7	440	4	<5	<20	49	<0.01	<10	51	<10	12	21
28	79878	5	0.6	0.71	<5	80	<5	2.14	<1	10	98	967	2.28	<10	0.74	559	13	0.03	6	370	4	<5	<20	40	<0.01	<10	38	<10	10	27
29	79879	5	0.6	0.57	<5	115	<5	2.32	<1	10	76	974	2.51	<10	0.80	669	5	0.04	7	410	4	<5	<20	56	<0.01	<10	39	<10	13	28
30	79880	5	0.8	0.73	<5	75	<5	1.62	<1	11	97	1432	2.73	<10	0.69	521	9	0.02	8	440	4	<5	<20	25	<0.01	<10	42	<10	11	28
31	79881	10	3.8	0.54	<5	100	<5	2.96	<1	12	77	3990	3.10	<10	0.72	995	22	0.02	7	360	<2	<5	<20	45	<0.01	<10	34	<10	11	32
32	79882	20	0.8	0.03	<5	5	<5	0.25	<1	<1	9	428	0.27	<10	0.03	92	8	<0.01	<1	<10	<2	<5	<20	2	<0.01	20	2	<10	<1	2
33	79883	35	0.8	0.04	<5	<5	<5	0.30	<1	<1	15	799	0.25	<10	0.03	115	25	<0.01	1	40	<2	5	<20	1	<0.01	<10	2	<10	<1	2
34	79884	15	0.6	0.06	<5	<5	<5	0.15	<1	<1	10	>10000	0.29	<10	0.05	73	11	<0.01	2	40	<2	<5	<20	1	<0.01	<10	2	<10	<1	3
QC DATA:																														
Resplit:																														
1	79851	<5	<0.2	0.83	<5	50	<5	3.48	<1	8	42	174	2.04	10	0.84	525	10	0.02	7	500	10	5	<20	48	<0.01	<10	44	<10	21	41
Repeat:																														
1	79851	5	<0.2	0.81	<5	40	<5	3.44	<1	8	38	169	2.01	10	0.85	521	8	0.02	6	460	10	5	<20	46	<0.01	<10	43	<10	20	41
10	79860	5	<0.2	0.79	<5	80	<5	2.34	<1	9	62	384	1.93	10	0.64	433	165	0.03	7	490	6	<5	<20	46	<0.01	<10	32	<10	17	18
19	79869	5	0.6	0.39	<5	105	<5	4.70	<1	9	65	364	2.19	<10	1.83	1227	115	0.02	3	410	6	15	<20	126	<0.01	<10	22	<10	21	21
Standard:																														
GEO'96		150	1.2	1.84	65	145	<5	1.84	<1	20	64	77	4.21	<10	1.11	716	<1	0.02	25	660	24	<5	<20	58	0.13	<10	83	<10	8	70

df/1318b
XLS/96TARCO#3

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

22-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1332

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received: 94
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79885	80	19.4	0.87	<5	105	<5	1.99	<1	15	82	>10000	3.93	<10	0.80	973	198	0.01	10	320	<2	<5	<20	23	0.02	<10	31	<10	<1	61
2	79886	55	18.2	0.68	<5	80	<5	1.92	<1	11	98	>10000	2.92	<10	0.49	859	32	0.01	8	<10	<2	<5	<20	21	0.02	<10	17	10	2	46
3	79887	75	18.6	0.46	<5	95	<5	3.47	<1	7	130	>10000	2.48	<10	0.37	1314	76	0.01	5	<10	<2	<5	<20	35	0.02	<10	18	20	6	29
4	79888	80	6.4	1.14	<5	285	<5	2.15	<1	14	74	9240	3.42	<10	0.82	996	19	0.01	9	490	4	<5	<20	25	<0.01	<10	28	<10	6	61
5	79889	90	7.2	1.31	<5	240	<5	2.00	<1	16	92	>10000	3.73	<10	1.01	937	7	0.01	11	550	4	<5	<20	24	0.01	<10	40	<10	3	58
6	79890	65	14.0	1.11	<5	190	<5	2.89	<1	13	108	>10000	3.15	<10	0.77	1205	7	<0.01	10	480	2	<5	<20	31	0.01	<10	36	<10	6	51
7	79891	200	17.2	0.88	<5	125	<5	1.72	<1	11	91	>10000	2.88	<10	0.55	756	26	<0.01	7	220	<2	<5	<20	18	0.02	<10	35	10	6	35
8	79892	60	8.4	0.77	<5	160	<5	2.37	<1	10	68	>10000	2.29	<10	0.55	802	6	0.01	8	500	<2	5	<20	25	<0.01	<10	30	<10	7	35
9	79893	65	17.4	0.44	<5	100	<5	2.27	<1	10	104	>10000	2.50	<10	0.45	854	11	0.01	8	280	<2	<5	<20	34	0.01	<10	26	20	5	42
10	79894	40	3.0	0.73	<5	305	<5	2.10	<1	11	80	4763	2.89	<10	0.62	826	7	0.01	8	520	4	<5	<20	33	<0.01	<10	37	<10	8	37
11	79895	10	1.4	0.93	<5	150	<5	2.61	<1	14	78	2189	3.20	<10	0.87	886	8	0.02	9	480	6	<5	<20	40	<0.01	<10	37	<10	8	44
12	79896	90	14.8	0.57	<5	125	<5	2.24	<1	9	89	>10000	2.00	<10	0.44	932	247	<0.01	7	480	<2	<5	<20	29	<0.01	<10	23	<10	6	30
13	79897	75	21.2	0.50	<5	75	<5	2.04	<1	8	118	>10000	2.09	<10	0.36	689	54	<0.01	6	20	<2	<5	<20	24	0.02	<10	22	<10	4	22
14	79898	150	14.2	0.56	<5	120	<5	2.52	<1	10	96	>10000	2.23	<10	0.45	847	6	<0.01	7	390	<2	5	<20	26	0.01	<10	24	<10	6	27
15	79899	65	10.4	0.51	<5	160	<5	2.60	<1	8	99	>10000	2.01	<10	0.43	844	13	<0.01	6	490	<2	10	<20	30	<0.01	<10	25	<10	8	26
16	79900	105	11.0	0.58	<5	105	<5	1.84	<1	9	98	>10000	2.08	<10	0.45	634	6	0.01	7	520	<2	5	<20	24	<0.01	<10	23	<10	5	33
17	79901	235	10.4	0.58	<5	130	<5	2.25	<1	11	78	>10000	2.42	<10	0.50	624	384	0.02	7	460	<2	<5	<20	35	<0.01	<10	21	<10	6	34
18	79902	80	18.8	0.52	<5	80	<5	2.82	<1	9	85	>10000	2.22	<10	0.45	786	258	0.01	5	<10	<2	10	<20	31	0.02	<10	19	20	4	25
19	79903	60	13.8	1.22	<5	140	<5	1.98	<1	14	72	>10000	3.27	<10	0.92	699	7	0.02	9	500	4	<5	<20	25	0.01	<10	38	10	5	40
20	79904	35	8.2	0.82	<5	160	<5	2.72	<1	13	95	8716	3.21	<10	0.74	875	9	0.01	10	460	4	5	<20	37	<0.01	<10	30	<10	5	41

TARCO OIL & GAS

ICP CERTIFICATE OF ANALYSIS AK 96-1332

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79905	60	>30	0.78	<5	105	<5	2.08	<1	12	68	>10000	2.17	<10	0.65	721	10	<0.01	9	620	<2	15	<20	22	<0.01	<10	19	20	2	40
22	79906	5	3.0	0.64	<5	375	<5	2.42	<1	7	63	3013	2.12	<10	0.70	695	7	0.04	8	540	2	<5	<20	64	<0.01	<10	33	<10	6	23
23	79907	25	2.0	0.76	<5	205	<5	2.98	<1	10	63	2810	2.36	<10	0.77	858	5	0.03	7	450	4	10	<20	50	<0.01	<10	35	<10	5	26
24	79908	15	1.2	0.71	<5	225	<5	3.78	<1	10	95	1885	2.38	<10	0.66	971	7	0.02	8	480	6	10	<20	52	<0.01	<10	31	<10	6	30
25	79909	10	1.8	0.66	<5	370	<5	4.10	<1	8	96	1736	2.13	<10	0.55	993	11	0.02	7	440	4	5	<20	50	<0.01	<10	24	<10	7	29
26	79910	60	6.6	0.43	<5	200	<5	3.14	<1	9	102	7814	2.42	<10	0.44	837	29	0.01	8	540	<2	5	<20	40	<0.01	<10	23	<10	8	30
27	79911	10	2.8	0.50	<5	270	<5	3.39	<1	9	75	2640	2.18	<10	0.50	794	143	0.02	8	460	4	5	<20	50	<0.01	<10	27	<10	8	30
28	79912	10	0.4	0.51	<5	170	<5	4.21	<1	9	69	724	2.31	<10	0.52	830	78	0.02	8	420	2	10	<20	60	<0.01	<10	27	<10	11	26
29	79913	5	<0.2	0.44	<5	485	<5	4.84	<1	6	80	125	2.03	10	0.42	782	12	0.03	7	450	<2	<5	<20	73	<0.01	<10	28	<10	13	22
30	79914	5	<0.2	0.42	<5	245	<5	5.89	<1	8	89	202	2.23	10	0.54	820	6	0.02	8	430	<2	<5	<20	76	<0.01	<10	26	<10	14	24
31	79915	5	<0.2	0.60	<5	205	<5	3.71	<1	9	86	311	2.32	<10	0.71	618	6	0.03	8	440	2	5	<20	74	<0.01	<10	33	<10	10	28
32	79916	5	<0.2	0.61	<5	155	<5	3.01	<1	8	97	336	2.17	<10	0.59	549	7	0.04	8	480	64	10	<20	50	<0.01	<10	43	<10	10	28
33	79917	5	0.8	1.00	<5	155	<5	3.19	<1	12	85	1146	2.81	<10	0.97	551	7	0.03	11	540	12	10	<20	50	<0.01	<10	45	<10	10	36
34	79918	10	0.6	1.11	<5	325	<5	3.61	<1	11	95	771	2.78	<10	1.02	593	5	0.02	10	500	8	10	<20	50	<0.01	<10	32	<10	7	42
35	79919	5	<0.2	0.75	<5	275	<5	3.08	<1	9	69	325	2.32	<10	0.81	491	6	0.03	8	490	4	10	<20	49	<0.01	<10	37	<10	8	27
36	79920	5	0.4	0.59	<5	240	<5	3.40	<1	8	79	245	2.16	<10	0.83	562	4	0.03	7	420	4	5	<20	70	<0.01	<10	32	<10	12	26
37	79921	5	0.6	0.65	<5	165	<5	5.19	<1	10	91	736	2.42	<10	0.75	718	5	0.02	8	440	4	<5	<20	58	<0.01	<10	28	<10	16	31
38	79922	10	1.0	0.44	<5	120	<5	3.86	<1	9	100	1005	2.34	<10	0.89	695	7	0.02	5	380	<2	10	<20	43	<0.01	<10	24	<10	11	27
39	79923	45	3.6	0.39	<5	115	<5	3.52	<1	11	87	4226	2.65	<10	0.61	892	8	0.02	6	420	<2	<5	<20	42	<0.01	<10	21	<10	11	37
40	79924	10	1.2	0.22	<5	80	<5	3.57	<1	8	105	1842	1.96	<10	0.54	875	11	0.01	5	440	<2	<5	<20	37	<0.01	<10	14	<10	11	26
41	79925	35	1.8	0.24	<5	490	<5	4.00	<1	6	82	2092	1.87	<10	0.55	686	20	0.02	5	370	<2	5	<20	46	<0.01	<10	16	<10	12	25
42	79926	10	2.2	0.18	<5	70	<5	4.58	<1	7	68	2594	1.76	<10	0.25	843	8	0.01	6	350	<2	<5	<20	38	<0.01	<10	15	<10	14	21
43	79927	40	5.6	0.19	<5	75	<5	1.97	<1	9	91	>10000	4.09	<10	0.39	508	8	0.01	6	<10	<2	<5	<20	21	0.01	<10	16	20	3	21
44	79928	65	2.2	0.25	<5	80	<5	3.11	<1	12	64	4830	3.12	<10	0.40	1002	5	0.01	8	430	<2	<5	<20	28	<0.01	<10	25	<10	11	36
45	79929	10	1.8	0.29	<5	80	<5	3.65	<1	15	102	2114	3.88	<10	0.57	1325	8	0.01	8	430	<2	<5	<20	33	<0.01	<10	25	<10	12	45
46	79930	40	3.6	0.22	<5	65	<5	3.91	<1	9	97	5615	2.36	<10	0.37	1173	10	<0.01	5	410	<2	<5	<20	28	<0.01	<10	21	<10	12	23
47	79931	25	2.8	0.23	<5	190	<5	3.77	<1	7	113	3321	1.94	<10	0.34	1042	14	0.01	5	450	<2	<5	<20	32	<0.01	<10	18	<10	12	22
48	79932	25	1.8	0.37	<5	350	<5	3.29	<1	11	93	2863	2.91	<10	0.55	927	23	0.02	7	430	<2	<5	<20	38	<0.01	<10	24	<10	11	36
49	79933	5	0.8	0.63	<5	625	<5	3.06	<1	8	87	1488	2.39	<10	0.72	730	8	0.03	8	460	<2	<5	<20	49	<0.01	<10	33	<10	12	25
50	79934	10	<0.2	0.64	<5	225	<5	2.81	<1	10	62	589	2.45	<10	0.76	656	6	0.04	8	460	2	<5	<20	47	<0.01	<10	38	<10	14	33
51	79935	5	0.4	0.72	<5	480	<5	2.87	<1	8	76	850	2.29	<10	1.02	558	21	0.04	8	480	2	10	<20	55	<0.01	<10	35	<10	12	25
52	79936	10	0.6	0.36	<5	145	<5	3.57	<1	8	98	722	2.19	<10	0.56	618	6	0.03	5	480	<2	<5	<20	52	<0.01	<10	21	<10	11	28
53	79937	5	1.8	0.91	<5	365	<5	2.92	<1	13	97	4009	3.49	<10	0.97	665	19	0.03	7	390	2	<5	<20	44	<0.01	<10	36	<10	7	45
54	79938	10	2.2	0.85	<5	150	<5	1.16	<1	11	99	4659	2.68	<10	0.93	346	7	0.04	8	370	<2	<5	<20	28	0.03	<10	59	<10	10	21
55	79939	5	<0.2	0.80	<5	120	<5	1.40	<1	10	77	1012	2.43	<10	0.95	394	6	0.04	8	430	<2	5	<20	37	0.02	<10	55	<10	11	22

TARCO OIL & GAS

ICP CERTIFICATE OF ANALYSIS AK 96-1332

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	79940	5	<0.2	0.71	<5	115	<5	1.25	<1	9	93	226	2.33	<10	0.77	328	4	0.04	8	440	<2	<5	<20	34	0.05	<10	63	<10	12	18
57	79941	5	0.6	0.70	<5	140	<5	1.95	<1	10	71	1415	2.48	<10	1.01	481	5	0.05	8	400	<2	10	<20	50	0.02	<10	53	<10	16	20
58	79942	15	3.4	0.99	<5	360	<5	3.11	<1	11	83	4299	2.93	<10	1.19	680	103	0.04	7	290	<2	<5	<20	66	<0.01	<10	30	<10	12	36
59	79951	5	0.2	0.56	<5	115	<5	3.16	<1	8	72	418	1.82	10	0.39	852	16	<0.01	7	420	<2	<5	<20	33	<0.01	<10	25	<10	15	24
60	79952	5	0.2	0.52	<5	55	<5	3.18	<1	8	59	209	1.79	<10	0.60	898	15	<0.01	8	390	<2	<5	<20	39	<0.01	<10	21	<10	14	26
61	79953	5	<0.2	0.44	<5	85	<5	3.43	<1	7	74	249	1.57	<10	0.46	1168	15	<0.01	5	400	<2	<5	<20	38	<0.01	<10	20	<10	13	22
62	79954	5	<0.2	0.32	<5	510	<5	4.47	<1	3	40	261	1.44	10	0.51	1302	4	<0.01	3	360	<2	<5	<20	64	<0.01	<10	19	<10	17	17
63	79955	5	0.2	0.33	<5	115	<5	3.83	<1	6	73	803	1.64	10	0.40	1339	5	<0.01	4	380	<2	<5	<20	56	<0.01	<10	21	<10	15	31
64	79956	5	0.4	0.38	<5	160	<5	4.46	2	9	58	231	2.15	<10	0.54	1766	5	0.01	5	400	4	<5	<20	67	<0.01	<10	21	<10	18	118
65	79957	5	0.2	0.34	<5	365	<5	4.35	5	6	91	228	2.06	10	0.48	1758	6	0.01	6	430	6	5	<20	62	<0.01	<10	23	<10	19	225
66	79958	10	0.2	0.29	<5	60	<5	4.83	<1	8	107	512	1.73	<10	0.33	2276	7	0.01	6	340	6	<5	<20	53	<0.01	<10	16	<10	17	47
67	79959	20	0.2	0.28	<5	65	<5	4.21	<1	7	96	363	1.75	<10	0.31	1915	9	0.01	5	390	<2	<5	<20	55	<0.01	<10	16	<10	17	28
68	79960	5	<0.2	0.41	<5	80	<5	3.37	<1	12	71	1495	3.18	<10	0.58	1397	5	0.02	7	330	<2	<5	<20	51	<0.01	<10	23	<10	15	46
69	79961	5	<0.2	0.43	<5	155	<5	3.23	<1	9	56	441	2.20	<10	0.50	869	12	0.02	6	370	<2	<5	<20	59	<0.01	<10	22	<10	14	29
70	79962	10	0.2	1.41	<5	165	<5	3.61	<1	18	56	710	3.78	<10	1.45	1041	28	0.02	13	530	<2	<5	<20	62	<0.01	<10	45	<10	13	56
71	79963	5	0.6	1.09	<5	430	<5	3.98	<1	12	43	705	3.34	<10	1.69	1472	9	0.02	11	530	6	10	<20	77	<0.01	<10	46	<10	12	77
72	79964	5	2.0	1.30	<5	425	<5	3.41	<1	16	59	937	3.83	<10	1.53	1243	4	0.06	15	620	<2	<5	<20	108	0.03	<10	96	<10	19	53
73	79965	5	1.2	1.58	<5	300	<5	3.90	<1	15	60	920	3.44	<10	1.69	1066	9	0.07	14	560	<2	10	<20	125	0.01	<10	81	<10	19	41
74	79966	10	4.2	1.81	<5	240	<5	4.17	<1	18	57	2867	4.17	<10	2.35	1246	20	0.06	14	500	<2	10	<20	127	<0.01	<10	69	<10	20	53
75	79967	5	0.6	2.08	<5	110	<5	4.64	<1	18	51	956	3.75	<10	1.91	1290	10	0.03	13	530	<2	10	<20	79	<0.01	<10	56	<10	19	59
76	79968	5	0.4	2.12	<5	735	<5	4.36	<1	14	47	1034	3.76	<10	2.08	1209	6	0.03	13	590	<2	10	<20	78	<0.01	<10	60	<10	20	56
77	79969	5	1.2	2.17	<5	420	<5	3.84	<1	18	44	1833	4.05	<10	2.32	1165	17	0.05	14	620	<2	15	<20	86	<0.01	<10	67	<10	20	54
78	79970	5	<0.2	2.18	<5	220	<5	3.00	<1	19	58	652	4.08	<10	2.38	993	8	0.07	16	680	<2	10	<20	94	0.01	<10	89	<10	18	59
79	79971	10	1.8	2.42	<5	310	<5	3.34	<1	21	58	2557	4.65	<10	2.46	1105	17	0.05	16	510	<2	15	<20	84	<0.01	<10	76	<10	20	57
80	79972	5	0.6	1.92	<5	155	<5	3.19	<1	19	73	942	4.03	<10	2.03	1030	8	0.04	14	590	<2	<5	<20	70	0.01	<10	82	<10	20	47
81	79973	5	0.4	1.65	<5	150	<5	2.30	<1	18	79	1114	3.88	<10	1.67	874	8	0.04	13	560	<2	<5	<20	56	0.05	<10	85	<10	14	40
82	79974	5	<0.2	2.24	<5	310	<5	2.26	<1	20	94	722	4.52	<10	1.96	917	14	0.04	15	570	<2	<5	<20	53	<0.01	<10	75	<10	17	57
83	79975	5	0.6	2.21	<5	405	<5	2.12	<1	19	52	1214	4.24	<10	2.17	859	9	0.06	14	530	<2	<5	<20	77	<0.01	<10	69	<10	11	49
84	79976	5	1.0	2.06	<5	705	<5	3.38	<1	16	71	1533	4.15	<10	2.06	1034	24	0.05	14	510	<2	5	<20	85	<0.01	<10	61	<10	15	49
85	79977	10	3.6	2.11	<5	555	<5	3.68	<1	18	67	3085	4.37	<10	1.95	1167	7	0.03	14	450	<2	<5	<20	67	<0.01	<10	59	<10	15	66
86	79978	115	>30	1.86	<5	110	<5	3.42	<1	22	79	>10000	4.22	<10	1.45	1133	56	0.02	12	<10	<2	<5	<20	47	0.02	<10	42	<10	7	68
87	79979	5	0.8	1.56	<5	610	<5	4.43	<1	12	64	1369	3.17	<10	1.50	1126	14	0.03	13	510	<2	10	<20	82	<0.01	<10	57	<10	17	44
88	79980	10	3.8	1.99	<5	200	<5	4.24	<1	22	68	4563	4.41	<10	1.82	1447	7	0.02	14	380	<2	<5	<20	65	<0.01	<10	61	<10	13	64
89	79981	40	>30	0.63	<5	80	<5	3.51	<1	14	66	>10000	4.07	<10	0.73	1133	37	0.01	9	<10	<2	<5	20	51	0.02	<10	36	10	8	38
90	79982	20	3.8	1.83	<5	175	<5	2.89	<1	23	65	>10000	4.93	<10	1.75	972	9	0.03	13	210	<2	<5	<20	66	0.01	<10	80	<10	14	49

TARCO OIL & GAS | ICP CERTIFICATE OF ANALYSIS AK 96-1332 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	79983	10	0.4	1.70	<5	345	<5	3.34	<1	16	70	2221	3.90	<10	1.76	773	5	0.05	12	480	<2	5	<20	88	<0.01	<10	75	<10	14	31
92	79984	5	<0.2	1.63	<5	230	<5	2.50	<1	16	73	1030	3.86	<10	1.65	666	9	0.05	13	550	<2	5	<20	91	0.02	<10	84	<10	9	31
93	79985	5	<0.2	1.42	<5	120	<5	1.60	<1	16	66	508	3.60	<10	1.31	411	5	0.06	14	630	<2	<5	<20	52	0.13	<10	115	<10	7	24
94	79986	5	<0.2	1.10	<5	195	<5	2.44	<1	8	62	83	2.24	<10	0.73	292	2	0.07	8	570	<2	10	<20	73	0.08	<10	76	<10	14	12
QC DATA:																														
Resplit:																														
1	79885	80	15.2	0.77	<5	105	<5	2.03	<1	15	89	>10000	3.69	<10	0.76	972	157	0.01	11	380	<2	5	<20	24	0.01	<10	28	<10	<1	61
36	79920	5	<0.2	0.64	<5	275	<5	3.47	<1	8	74	264	2.24	10	0.94	610	6	0.05	6	400	<2	<5	<20	74	<0.01	<10	37	<10	14	22
71	79963	5	0.4	1.06	<5	410	<5	4.10	<1	13	46	736	3.21	<10	1.58	1536	10	0.02	10	520	8	10	<20	76	<0.01	<10	43	<10	14	73
Repeat:																														
1	79885	80	16.4	0.66	<5	95	<5	1.71	<1	13	70	>10000	3.31	<10	0.65	831	173	<0.01	10	260	<2	10	<20	21	0.01	<10	24	10	<1	59
10	79894	30	3.0	0.62	<5	290	<5	2.01	<1	10	75	4459	2.69	<10	0.57	782	7	0.01	9	510	2	<5	<20	31	<0.01	<10	32	<10	8	35
19	79903	80	14.0	1.21	<5	140	<5	2.06	<1	15	75	>10000	3.37	<10	0.95	721	9	0.02	10	500	4	5	<20	26	0.01	<10	39	<10	5	42
36	79920	5	<0.2	0.60	<5	245	<5	3.45	<1	9	85	246	2.22	<10	0.84	578	5	0.03	8	420	4	5	<20	70	<0.01	<10	33	<10	14	27
45	79929	5	1.8	0.30	<5	80	<5	3.58	<1	14	100	2284	3.80	<10	0.60	1318	8	0.02	8	370	<2	<5	<20	39	<0.01	<10	25	<10	13	40
54	79938	10	2.4	0.89	<5	150	<5	1.12	<1	10	94	5127	2.58	<10	0.97	341	6	0.04	8	330	<2	<5	<20	30	0.03	<10	60	<10	11	18
71	79963	5	0.6	1.12	<5	430	<5	4.07	<1	13	44	742	3.45	<10	1.74	1509	9	0.03	10	520	8	10	<20	78	<0.01	<10	48	<10	12	78
80	79972	5	0.8	1.94	<5	155	<5	3.24	<1	19	75	942	4.11	<10	2.03	1048	10	0.04	14	610	<2	5	<20	68	0.01	<10	83	<10	19	48
89	79981	35																												
Standard:																														
GEO'96		150	1.2	1.51	55	145	<5	1.65	<1	18	54	106	3.78	<10	0.97	652	<1	0.01	24	630	28	10	<20	44	0.09	<10	68	<10	4	73
GEO'96		150	1.2	1.69	60	155	<5	1.86	<1	20	66	92	4.04	<10	1.09	720	<1	0.02	21	700	18	5	<20	63	0.09	<10	70	<10	6	70
GEO'96		140	1.2	1.95	75	170	10	1.83	<1	23	68	82	4.07	<10	1.06	722	<1	0.04	24	820	24	<5	<20	60	0.16	<10	93	10	10	72

df/1321/1332a
XLS/96TARCO#3

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

28-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1345

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received:145
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79987	10	<0.2	1.17	<5	210	<5	2.02	<1	13	90	723	3.08	<10	1.07	445	4	0.04	13	620	12	5	<20	42	0.08	<10	78	<10	13	32
2	79988	5	<0.2	0.97	<5	125	<5	1.45	<1	12	86	250	2.78	<10	0.78	278	3	0.05	11	650	10	5	<20	32	0.13	<10	89	<10	10	23
3	79989	10	<0.2	1.03	<5	100	<5	1.67	<1	12	79	93	2.60	<10	0.83	331	5	0.05	11	640	8	10	<20	48	0.10	<10	78	<10	14	21
4	79990	5	<0.2	1.10	<5	150	<5	1.78	<1	15	60	242	3.45	<10	1.15	767	5	0.05	12	750	8	10	<20	58	0.01	<10	66	<10	21	45
5	79991	5	<0.2	1.42	<5	180	<5	0.72	<1	19	63	294	4.15	<10	1.46	675	14	0.07	14	740	8	10	<20	64	0.02	<10	88	<10	17	48
6	79992	10	<0.2	1.05	<5	145	<5	2.04	<1	17	72	229	3.67	<10	1.39	569	4	0.06	15	710	8	10	<20	52	0.13	<10	100	<10	18	39
7	79993	5	<0.2	1.11	<5	160	<5	2.41	1	15	106	400	3.01	<10	1.22	764	12	0.05	13	540	8	10	<20	61	0.02	<10	55	<10	14	51
8	79994	5	<0.2	0.77	<5	125	<5	1.22	<1	8	98	251	2.08	<10	0.66	400	5	0.05	8	430	6	<5	<20	43	<0.01	<10	40	<10	11	20
9	79995	5	<0.2	0.70	<5	120	<5	1.90	<1	9	96	165	2.20	<10	0.69	465	6	0.04	7	420	6	<5	<20	42	0.01	<10	44	<10	12	24
10	79996	5	<0.2	0.74	<5	405	<5	2.53	<1	8	105	472	2.50	<10	0.75	560	6	0.04	7	400	6	10	<20	44	<0.01	<10	40	<10	13	29
11	79997	5	0.2	0.87	<5	390	<5	2.70	<1	9	121	1638	2.61	<10	0.66	584	8	0.03	9	400	6	<5	<20	42	<0.01	<10	34	<10	11	37
12	79998	5	0.4	0.86	<5	405	<5	2.96	<1	9	114	1278	2.34	<10	0.70	734	15	0.03	7	420	6	10	<20	41	<0.01	<10	29	<10	11	39
13	79999	5	<0.2	0.80	<5	100	<5	2.45	<1	9	99	1446	2.13	<10	0.81	548	5	0.04	8	410	6	15	<20	49	<0.01	<10	36	<10	13	28
14	80000	5	<0.2	0.80	<5	90	<5	2.16	<1	9	125	141	2.25	<10	0.88	458	6	0.04	8	440	8	10	<20	39	0.02	<10	45	<10	12	24
15	80001	5	<0.2	0.78	<5	105	<5	1.84	<1	8	106	82	2.13	<10	0.72	340	5	0.05	8	410	8	5	<20	41	0.03	<10	49	<10	13	17
16	80002	5	<0.2	0.41	<5	70	<5	6.39	<1	5	69	142	1.29	10	0.44	1088	3	0.03	4	360	<2	10	<20	47	<0.01	<10	23	<10	17	15
17	80003	5	<0.2	0.59	<5	115	<5	4.14	<1	8	67	218	2.05	<10	1.06	803	4	0.04	7	410	6	10	<20	62	:0.01	<10	24	<10	15	30
18	80004	10	<0.2	0.58	<5	95	<5	2.28	<1	7	93	128	1.64	10	0.57	430	5	0.04	7	420	4	5	<20	41	<0.01	<10	28	<10	14	17
19	80005	5	<0.2	0.63	<5	100	<5	1.24	<1	7	78	147	1.82	<10	0.76	291	4	0.05	6	430	6	10	<20	42	<0.01	<10	40	<10	10	14
20	80006	5	<0.2	0.75	<5	95	<5	2.01	<1	9	97	136	2.25	<10	0.96	421	4	0.05	7	430	8	<5	<20	41	0.02	<10	46	<10	14	18

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	80007	5	<0.2	0.77	<5	100	<5	1.34	<1	8	101	291	2.16	<10	0.70	306	4	0.05	7	420	6	10	<20	32	0.03	<10	47	<10	11	16
22	80008	5	<0.2	0.80	<5	125	<5	1.56	<1	8	105	363	2.08	<10	0.61	282	5	0.05	7	420	6	5	<20	33	0.04	<10	47	10	10	17
23	80009	5	<0.2	0.84	<5	110	<5	1.58	<1	10	103	508	2.45	<10	0.76	359	4	0.05	7	410	8	5	<20	37	0.05	<10	52	<10	12	23
24	80068	5	<0.2	0.62	<5	120	<5	1.84	<1	8	91	422	1.97	10	0.66	420	8	0.04	7	420	6	5	<20	52	<0.01	<10	43	<10	16	22
25	80069	5	0.6	0.76	<5	115	<5	2.37	<1	10	95	958	2.47	<10	0.63	603	30	0.03	7	420	4	5	<20	40	<0.01	<10	31	<10	13	33
26	80070	10	1.4	0.71	<5	110	<5	2.83	<1	10	100	2082	2.39	<10	0.65	907	29	0.02	6	390	6	5	<20	46	<0.01	<10	28	<10	15	22
27	80071	5	0.8	0.28	<5	95	<5	3.51	<1	8	95	1686	2.08	<10	0.33	1679	8	0.01	4	360	<2	5	<20	40	<0.01	<10	14	<10	13	22
28	80072	5	0.4	0.30	<5	105	<5	3.42	1	8	112	2004	2.30	<10	0.30	1478	16	0.02	5	390	<2	<5	<20	41	<0.01	<10	15	<10	15	26
29	80073	10	1.0	0.33	<5	95	<5	3.58	<1	7	105	1932	1.89	<10	0.29	1564	6	0.01	4	420	4	<5	<20	41	<0.01	<10	17	<10	18	18
30	80074	5	<0.2	0.28	<5	120	<5	3.90	<1	8	102	980	2.19	<10	0.31	1772	6	0.01	5	430	2	<5	<20	50	<0.01	<10	17	<10	17	20
31	80075	5	<0.2	0.30	<5	120	<5	3.97	<1	5	106	392	1.56	10	0.24	1552	6	0.02	4	470	4	<5	<20	52	<0.01	<10	16	<10	17	18
32	80076	5	1.0	0.25	<5	100	<5	3.61	<1	8	108	1114	2.04	<10	0.32	1725	19	0.01	4	420	4	<5	<20	48	<0.01	<10	13	<10	15	23
33	80077	10	0.2	0.25	<5	80	<5	3.93	<1	6	102	1730	1.77	<10	0.24	1892	8	0.01	4	430	<2	<5	<20	45	<0.01	<10	11	<10	19	18
34	80078	30	2.6	0.21	<5	80	<5	0.66	<1	5	132	8748	1.90	<10	0.11	357	17	<0.01	4	220	<2	<5	<20	17	<0.01	<10	9	<10	2	12
35	80079	90	28.8	0.23	<5	55	<5	1.33	1	6	99	>10000	3.37	<10	0.12	615	12	<0.01	3	420	<2	<5	<20	19	<0.01	<10	11	40	1	11
36	80080	15	0.8	0.22	<5	75	<5	2.98	<1	5	131	2856	1.50	<10	0.17	1638	7	<0.01	4	330	<2	<5	<20	37	<0.01	<10	13	<10	15	11
37	80081	5	0.8	0.21	<5	70	<5	3.63	<1	3	127	1194	0.98	<10	0.13	1917	7	<0.01	3	280	2	5	<20	37	<0.01	<10	7	<10	16	6
38	80082	5	0.8	0.51	<5	95	<5	2.46	<1	8	102	1142	1.72	<10	0.39	1086	6	0.01	4	280	4	<5	<20	28	<0.01	<10	15	<10	9	21
39	80083	5	0.8	1.02	<5	125	<5	1.82	<1	14	114	1842	2.87	<10	0.86	763	8	0.02	8	450	8	10	<20	29	<0.01	<10	39	<10	12	38
40	80084	5	0.6	0.99	<5	130	<5	2.21	<1	13	103	1509	2.98	<10	0.90	847	7	0.02	8	430	6	5	<20	35	<0.01	<10	40	<10	13	36
41	80085	10	1.4	0.88	<5	130	<5	2.28	<1	12	98	2005	2.99	<10	0.83	861	11	0.02	7	430	6	5	<20	40	<0.01	<10	42	<10	12	30
42	80086	60	13.2	0.55	<5	120	<5	3.05	<1	11	92	>10000	2.86	<10	0.51	1226	50	0.01	6	30	<2	5	<20	41	<0.01	<10	25	<10	13	28
43	80087	10	5.6	0.39	<5	130	<5	4.32	<1	9	106	6041	2.25	<10	0.51	1591	39	0.01	4	320	<2	10	<20	56	<0.01	<10	16	<10	17	25
44	80088	40	2.2	0.54	<5	170	<5	2.81	<1	10	117	2679	2.29	<10	0.45	979	41	0.02	6	410	6	<5	<20	39	<0.01	<10	14	<10	13	31
45	80089	10	3.4	0.36	<5	200	<5	3.43	<1	11	86	4604	2.67	<10	0.48	1401	527	0.02	5	480	6	5	<20	56	<0.01	<10	8	<10	13	33
46	80090	640	23.8	0.28	<5	85	<5	3.26	<1	7	100	>10000	2.44	<10	0.30	1293	16	0.01	3	380	<2	5	<20	41	0.01	<10	9	10	11	22
47	80091	10	5.2	0.58	<5	155	<5	2.49	<1	10	102	7136	2.67	<10	0.57	942	13	0.02	5	320	4	<5	<20	39	<0.01	<10	21	<10	13	27
48	80092	5	0.8	0.86	<5	275	<5	2.82	<1	12	103	1741	2.80	<10	0.69	965	18	0.02	7	420	6	<5	<20	45	<0.01	<10	27	<10	14	33
49	80093	5	0.4	0.76	<5	305	<5	3.01	<1	10	103	788	2.39	<10	0.60	999	71	0.02	7	440	6	5	<20	40	<0.01	<10	21	<10	14	30
50	80094	15	24.2	0.60	<5	80	<5	2.38	<1	13	91	>10000	3.36	<10	0.66	787	13	0.02	6	480	<2	<5	<20	38	<0.01	<10	21	20	8	33
51	80095	5	1.0	0.99	<5	210	<5	2.06	<1	13	104	1845	3.16	<10	1.12	711	27	0.03	7	440	6	10	<20	55	<0.01	<10	33	<10	12	38
52	80096	5	0.6	0.92	<5	210	<5	2.93	<1	14	81	1078	3.75	<10	1.29	894	8	0.03	6	430	6	15	<20	70	<0.01	<10	34	<10	18	41
53	80097	5	3.2	1.00	<5	135	<5	2.19	<1	12	111	6327	2.60	<10	0.90	592	8	0.03	7	350	4	10	<20	39	<0.01	<10	33	<10	11	32
54	80098	5	10.8	0.89	<5	120	<5	2.21	<1	12	93	>10000	2.75	<10	0.76	597	37	0.03	8	120	4	5	<20	37	<0.01	<10	28	<10	9	34
55	80099	5	1.0	0.78	<5	160	<5	3.15	<1	10	104	2025	2.31	<10	0.62	727	17	0.03	7	360	4	5	<20	48	<0.01	<10	22	<10	14	31

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	80100	5	3.2	0.64	<5	165	<5	3.11	<1	9	110	4604	2.21	<10	0.53	679	15	0.02	5	280	4	10	<20	48	<0.01	<10	17	<10	10	25
57	80101	5	2.0	0.57	<5	135	<5	3.96	<1	9	111	2639	2.23	<10	0.51	764	13	0.02	6	410	4	10	<20	46	<0.01	<10	19	<10	15	28
58	80102	5	1.0	0.65	<5	220	<5	4.26	<1	12	93	1073	2.74	<10	0.77	884	20	0.02	6	390	4	5	<20	64	<0.01	<10	20	<10	14	36
59	80103	5	1.2	0.57	<5	225	<5	3.95	<1	11	88	1198	2.41	<10	0.58	751	22	0.03	7	400	4	10	<20	57	<0.01	<10	20	<10	12	35
60	80104	5	<0.2	1.11	<5	180	<5	2.82	<1	14	72	220	2.46	<10	1.03	795	10	0.03	10	390	6	10	<20	44	<0.01	<10	27	<10	9	36
61	80105	5	2.8	2.14	<5	170	<5	2.22	<1	26	59	2905	4.07	<10	2.18	967	6	0.02	21	360	12	20	<20	30	<0.01	<10	64	<10	<1	65
62	80106	15	5.8	0.88	<5	170	<5	3.09	<1	15	61	6307	3.37	<10	1.52	1197	5	0.02	9	260	6	15	<20	58	<0.01	<10	30	<10	9	39
63	80107	5	0.8	0.38	<5	515	<5	4.28	<1	12	90	1142	3.49	<10	1.92	1442	6	0.03	7	410	2	15	<20	123	<0.01	<10	23	<10	11	35
64	80108	5	0.8	0.48	<5	920	<5	3.21	<1	6	62	734	2.29	<10	0.81	864	71	0.03	7	400	4	10	<20	70	<0.01	<10	19	<10	9	28
65	80109	5	<0.2	0.62	<5	300	<5	3.04	<1	11	82	157	2.43	<10	0.89	672	579	0.03	7	480	4	10	<20	64	<0.01	<10	19	<10	9	28
66	80110	5	<0.2	0.87	<5	330	<5	5.06	<1	14	77	90	3.47	<10	2.44	949	22	0.03	9	410	2	20	<20	142	<0.01	<10	25	<10	10	39
67	80111	5	1.0	0.65	<5	295	<5	4.83	<1	12	78	1415	3.17	<10	1.32	896	14	0.03	8	410	2	15	<20	90	<0.01	<10	22	<10	11	38
68	80112	5	1.8	0.36	<5	325	<5	4.92	<1	12	92	2753	3.33	<10	0.54	1044	48	0.02	8	270	<2	<5	<20	69	<0.01	<10	22	<10	10	43
69	80113	5	1.8	0.26	<5	250	<5	3.81	<1	11	95	3607	3.26	<10	0.56	1091	19	0.02	7	310	<2	<5	<20	59	<0.01	<10	20	<10	10	41
70	80114	20	4.2	0.33	<5	180	<5	3.90	<1	10	82	6879	2.79	<10	0.54	1261	9	0.02	6	280	<2	5	<20	54	<0.01	<10	18	<10	13	30
71	80115	65	1.6	0.29	<5	120	<5	2.99	<1	10	82	7227	2.88	<10	0.36	1015	25	0.02	5	300	<2	<5	<20	45	<0.01	<10	20	<10	13	32
72	80116	115	6.0	0.36	<5	115	<5	3.27	<1	11	113	6442	2.51	<10	0.39	995	25	0.02	6	350	<2	<5	<20	45	<0.01	<10	16	<10	13	34
73	80117	5	1.2	0.52	<5	175	<5	4.14	<1	10	80	1379	2.47	<10	0.95	1007	14	0.03	7	440	4	10	<20	81	<0.01	<10	24	<10	15	28
74	80118	5	0.2	0.83	<5	200	<5	2.44	<1	9	71	982	2.20	<10	0.89	571	9	0.05	7	490	4	10	<20	73	<0.01	<10	34	<10	13	22
75	80119	5	<0.2	0.9	<5	210	<5	2.77	<1	10	70	663	2.38	<10	0.94	646	5	0.05	8	520	6	10	<20	74	<0.01	<10	35	<10	14	23
76	80120	5	0.6	0.66	<5	190	<5	4.62	<1	12	70	1403	2.72	<10	1.59	1157	22	0.04	6	410	6	25	<20	103	<0.01	<10	26	<10	18	33
77	80121	5	0.4	0.86	<5	225	<5	2.62	<1	11	62	941	2.68	<10	1.53	747	4	0.05	6	460	6	10	<20	98	<0.01	<10	32	<10	15	25
78	80122	10	2.4	0.98	<5	170	<5	2.85	<1	13	82	5597	2.82	<10	1.54	751	12	0.04	6	360	6	15	<20	83	<0.01	<10	32	<10	13	31
79	80123	5	1.8	0.78	<5	180	<5	3.85	<1	13	88	2663	2.99	<10	1.57	864	39	0.03	6	370	4	10	<20	85	<0.01	<10	23	<10	13	34
80	80124	10	1.4	0.86	<5	140	<5	3.60	<1	13	100	1932	2.95	<10	1.06	798	23	0.03	6	390	4	5	<20	65	<0.01	<10	25	<10	12	36
81	80125	15	2.4	0.89	<5	115	<5	3.81	<1	11	110	2973	2.37	<10	0.84	760	11	0.03	7	350	4	10	<20	54	<0.01	<10	23	<10	13	27
82	80126	5	0.4	0.93	<5	125	<5	3.52	<1	10	116	646	2.22	<10	0.86	634	20	0.03	8	400	4	<5	<20	53	<0.01	<10	24	<10	14	26
83	80127	5	1.8	0.65	<5	275	<5	3.86	<1	9	88	1791	2.42	<10	0.76	774	50	0.03	7	370	4	<5	<20	58	<0.01	<10	25	<10	12	27
84	80128	45	6.2	0.88	<5	155	<5	2.16	1	18	76	>10000	7.03	<10	1.34	835	28	0.02	9	200	2	<5	40	41	<0.01	<10	58	<10	2	53
85	80129	110	12.8	0.98	<5	85	<5	2.22	<1	16	84	>10000	6.01	<10	1.14	742	10	0.02	8	300	<2	<5	40	35	0.02	<10	57	20	2	42
86	80130	30	4.0	1.01	<5	210	<5	2.11	<1	12	89	7305	4.26	<10	1.03	667	33	0.02	8	360	4	<5	<20	40	<0.01	<10	45	<10	8	34
87	80131	5	<0.2	1.04	<5	480	<5	2.00	<1	11	84	802	3.37	<10	1.20	562	10	0.03	9	490	6	10	<20	34	<0.01	<10	49	<10	11	31
88	80132	5	0.4	0.95	<5	145	<5	2.23	<1	12	90	1352	2.85	<10	0.98	583	13	0.03	9	490	6	5	<20	34	<0.01	<10	43	<10	13	31
89	80133	5	0.4	1.20	<5	270	<5	2.05	<1	13	94	805	3.12	<10	1.09	551	8	0.03	9	500	8	5	<20	33	<0.01	<10	48	<10	11	39
90	80134	25	1.2	1.08	<5	170	<5	1.93	<1	13	121	2344	2.93	<10	1.01	564	12	0.03	9	500	6	<5	<20	32	<0.01	<10	51	<10	12	31

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	80135	20	3.2	1.15	<5	175	<5	2.90	1	13	99	4736	2.83	<10	0.99	767	7	0.02	8	500	6	10	<20	40	<0.01	<10	36	<10	15	37
92	80136	20	5.8	0.72	<5	75	<5	3.90	<1	10	91	8684	2.50	<10	0.82	1287	7	<0.01	7	390	4	10	<20	35	<0.01	<10	29	<10	15	27
93	80137	30	4.2	1.04	<5	130	<5	2.62	<1	13	86	5847	2.89	<10	0.94	883	5	0.02	9	450	6	10	<20	38	<0.01	<10	32	<10	13	40
94	80138	10	4.2	0.80	<5	120	<5	2.76	<1	10	96	6473	2.21	<10	0.70	956	10	<0.01	7	430	<2	10	<20	24	<0.01	<10	26	<10	9	32
95	80139	20	3.0	0.97	<5	65	<5	2.81	<1	13	80	4787	2.87	<10	0.98	804	18	0.02	8	430	4	10	<20	36	<0.01	<10	27	<10	14	43
96	80140	25	6.8	1.19	<5	70	<5	2.31	<1	13	96	>10000	2.99	<10	1.03	675	13	0.03	9	340	<2	5	<20	35	<0.01	<10	32	<10	11	41
97	80141	10	1.8	1.25	<5	65	<5	2.03	<1	13	76	2419	2.93	<10	1.09	677	13	0.03	8	440	6	10	<20	38	<0.01	<10	30	<10	10	41
98	80142	5	0.6	0.90	<5	180	<5	3.45	<1	9	93	791	2.26	<10	0.85	758	54	0.04	8	540	6	10	<20	54	<0.01	<10	34	<10	14	22
99	80143	5	<0.2	0.90	<5	95	<5	3.64	<1	11	72	259	2.63	<10	0.88	808	7	0.04	7	520	4	10	<20	64	<0.01	<10	29	<10	14	25
100	80144	65	7.8	0.93	<5	70	<5	3.29	<1	12	61	8151	2.78	<10	0.84	803	69	0.03	9	420	4	10	<20	51	<0.01	<10	30	<10	12	32
101	80145	115	>30	0.51	<5	55	<5	2.55	<1	12	49	>10000	3.35	<10	0.68	969	11	0.01	7	<10	<2	<5	<20	29	0.01	<10	23	20	7	32
102	80146	40	9.2	0.33	<5	65	<5	2.84	<1	13	70	>10000	3.33	<10	0.63	1122	73	0.02	7	340	<2	5	<20	32	<0.01	<10	21	<10	8	35
103	80147	295	>30	0.21	10	50	<5	4.78	<1	6	64	>10000	1.97	<10	0.32	1318	26	<0.01	3	320	<2	10	<20	36	<0.01	<10	12	40	13	13
104	80148	80	12.4	0.25	10	110	<5	2.62	<1	11	63	>10000	2.76	<10	0.56	780	35	0.02	8	260	<2	5	<20	33	<0.01	<10	21	<10	7	33
105	80149	45	1.6	0.49	<5	370	<5	1.86	<1	9	62	2887	2.63	<10	0.57	500	12	0.02	7	480	2	5	<20	33	<0.01	<10	20	<10	7	31
106	80150	10	6.0	0.63	<5	240	<5	9.41	<1	14	54	>10000	3.50	<10	3.10	888	7	0.03	7	30	<2	25	<20	119	<0.01	<10	26	<10	10	40
107	80151	5	2.2	0.84	5	655	<5	6.06	<1	10	49	3584	2.64	<10	1.85	796	6	0.03	8	410	4	25	<20	81	<0.01	<10	33	<10	18	38
108	80152	5	<0.2	0.69	<5	100	<5	1.34	1	10	63	377	2.31	<10	0.66	352	5	0.04	7	520	4	5	<20	33	0.01	<10	56	<10	11	24
109	80153	10	<0.2	0.71	<5	110	<5	1.84	6	9	105	233	2.24	<10	0.68	401	6	0.04	10	530	6	5	<20	39	0.01	<10	55	<10	13	54
110	80154	5	<0.2	0.64	<5	140	<5	5.87	<1	10	52	81	2.44	10	1.15	834	4	0.05	7	460	6	15	<20	76	<0.01	<10	33	<10	22	26
111	80155	10	<0.2	0.34	<5	110	<5	8.92	<1	6	92	766	1.53	<10	1.29	1480	5	0.02	4	360	18	20	<20	90	<0.01	<10	14	<10	18	17
112	80156	10	<0.2	0.69	<5	160	<5	4.61	1	9	55	262	2.28	<10	0.53	738	5	0.04	7	530	4	10	<20	66	<0.01	<10	29	<10	16	37
113	80157	5	0.4	0.52	<5	205	<5	4.87	<1	7	51	514	1.90	<10	0.44	716	4	0.04	6	550	4	10	<20	68	<0.01	<10	25	<10	18	25
114	80158	5	<0.2	0.62	<5	100	<5	2.75	<1	10	65	146	2.40	<10	0.63	597	4	0.04	9	540	4	<5	<20	42	0.02	<10	49	<10	15	27
115	80159	5	<0.2	0.48	<5	445	<5	6.21	<1	9	62	177	2.50	10	0.58	946	4	0.04	7	490	<2	5	<20	76	<0.01	<10	28	<10	21	26
116	80160	5	<0.2	0.39	<5	525	<5	6.64	<1	5	49	240	1.66	10	0.38	1482	11	0.03	4	480	10	10	<20	72	<0.01	<10	19	<10	21	22
117	80161	5	<0.2	0.44	<5	130	<5	5.35	<1	11	61	134	2.51	10	0.56	1041	4	0.04	6	550	4	<5	<20	64	<0.01	<10	20	<10	17	34
118	80162	5	<0.2	0.44	<5	150	<5	5.34	<1	8	48	126	2.09	<10	0.56	964	4	0.04	4	520	2	15	<20	71	<0.01	<10	23	<10	16	25
119	80163	5	<0.2	0.50	<5	215	<5	4.55	<1	7	60	118	1.78	10	0.44	1149	4	0.04	5	540	2	10	<20	65	<0.01	<10	24	<10	17	22
120	80164	5	<0.2	0.69	<5	115	<5	2.69	<1	9	61	125	2.30	<10	0.84	587	4	0.05	7	530	4	15	<20	54	0.03	<10	56	<10	18	25
121	80165	5	<0.2	0.73	<5	100	<5	1.71	<1	10	79	127	2.36	<10	0.88	471	3	0.05	8	540	6	5	<20	40	0.03	<10	58	<10	14	24
122	80166	10	<0.2	0.77	<5	120	<5	3.47	<1	9	58	131	2.24	<10	0.76	681	7	0.05	7	540	6	10	<20	62	<0.01	<10	40	<10	17	24
123	80167	5	<0.2	0.75	<5	100	<5	2.23	<1	10	81	133	2.37	<10	0.89	525	4	0.05	9	550	4	5	<20	47	0.02	<10	56	<10	17	25
124	80168	15	<0.2	0.70	<5	135	<5	1.50	<1	9	66	204	2.42	<10	0.83	403	3	0.05	7	510	6	10	<20	40	0.06	<10	67	<10	15	22
125	80169	20	<0.2	0.52	<5	95	<5	3.68	<1	8	72	183	2.05	<10	0.69	1013	5	0.03	7	570	4	10	<20	50	0.03	<10	42	<10	14	25

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
126	80170	10	<0.2	0.45	<5	120	<5	4.74	<1	8	40	109	2.11	<10	1.00	1232	6	0.04	4	540	4	15	<20	64	<0.01	<10	23	<10	17	31
127	80171	5	<0.2	0.60	<5	135	<5	1.96	<1	9	67	510	2.43	<10	0.94	566	46	0.05	8	560	4	5	<20	51	0.02	<10	51	<10	14	27
128	80172	5	<0.2	0.76	<5	195	<5	1.61	<1	9	64	319	2.42	<10	0.78	493	22	0.04	7	520	10	5	<20	34	0.07	<10	64	<10	12	21
129	80173	10	<0.2	0.81	<5	105	<5	1.64	<1	9	80	212	2.34	<10	0.84	511	5	0.05	8	540	6	10	<20	43	0.03	<10	60	<10	14	26
130	80174	10	<0.2	0.93	<5	125	<5	1.28	<1	10	65	140	2.45	<10	0.78	321	3	0.05	8	550	8	10	<20	32	0.09	<10	76	<10	8	25
131	80175	5	<0.2	0.92	<5	110	<5	1.84	<1	10	87	103	2.47	<10	1.25	521	5	0.05	9	540	6	15	<20	37	0.06	<10	65	<10	10	29
132	80176	10	<0.2	0.86	<5	160	<5	1.17	<1	9	60	80	2.35	<10	0.66	288	2	0.05	7	520	8	5	<20	29	0.12	<10	74	<10	6	22
133	80177	5	<0.2	0.71	<5	80	<5	4.92	1	8	74	295	2.01	<10	0.69	1326	5	0.03	5	530	10	15	<20	57	<0.01	<10	29	<10	18	29
134	80178	5	<0.2	0.86	<5	85	<5	1.42	<1	10	69	55	2.40	<10	0.81	412	3	0.05	8	550	6	10	<20	31	0.07	<10	69	<10	8	25
135	80179	10	<0.2	1.00	<5	110	<5	1.46	<1	10	83	75	2.46	<10	1.16	539	3	0.06	8	540	6	15	<20	50	0.03	<10	58	<10	15	28
136	80180	5	<0.2	0.88	<5	95	<5	1.54	<1	10	69	152	2.40	<10	0.94	379	3	0.05	8	500	8	10	<20	39	0.07	<10	69	<10	11	25
137	80181	5	<0.2	0.84	<5	85	<5	1.96	<1	10	98	287	2.29	<10	0.87	458	7	0.05	9	510	6	5	<20	40	0.04	<10	60	<10	14	27
138	80182	5	<0.2	0.78	<5	95	<5	4.90	<1	9	61	349	2.18	<10	0.72	1325	38	0.05	7	510	4	10	<20	61	0.01	<10	43	<10	18	42
139	80183	5	<0.2	0.69	<5	95	<5	1.93	<1	7	93	155	1.94	<10	0.64	520	4	0.05	6	420	6	5	<20	43	0.03	<10	38	<10	9	34
140	80184	5	<0.2	0.79	<5	85	<5	1.18	<1	8	72	135	2.09	<10	0.61	344	3	0.05	7	420	6	5	<20	29	0.05	<10	47	<10	11	25
141	80185	10	<0.2	0.63	<5	115	<5	2.36	<1	6	77	264	1.66	<10	0.58	423	4	0.06	7	420	4	10	<20	57	<0.01	<10	30	<10	10	22
142	80186	15	<0.2	0.48	<5	135	<5	4.35	<1	6	45	455	1.69	<10	1.67	602	5	0.06	6	360	2	25	<20	72	<0.01	<10	19	<10	12	22
143	80187	5	<0.2	0.60	<5	100	<5	2.04	<1	8	56	78	1.96	<10	0.79	485	4	0.06	7	380	6	10	<20	52	0.01	<10	36	<10	12	27
144	80188	5	<0.2	0.61	5	110	<5	1.31	<1	7	75	103	1.79	<10	0.57	319	4	0.06	6	350	4	<5	<20	40	0.02	<10	39	<10	13	22
145	80189	5	<0.2	0.54	<5	85	<5	0.92	<1	5	68	194	1.51	<10	0.43	203	16	0.05	5	260	4	<5	<20	31	0.02	<10	31	<10	8	17
QC DATA:																														
Resplit:																														
1	79987	5	<0.2	1.14	<5	215	<5	1.94	<1	13	77	703	3.06	<10	1.03	421	3	0.04	11	630	98	10	<20	41	0.08	<10	80	<10	13	36
36	80080	15	1.2	0.25	<5	80	<5	3.07	<1	5	122	2920	1.57	<10	0.18	1732	6	<0.01	4	330	<2	<5	<20	38	<0.01	<10	15	<10	16	11
71	80115	65	1.2	0.32	<5	130	<5	2.98	<1	10	100	5416	2.85	<10	0.37	1026	20	0.02	7	420	<2	<5	<20	43	<0.01	<10	20	<10	13	33
106	80150	10	7.4	0.63	<5	220	<5	9.29	<1	14	60	>10000	3.56	<10	3.11	885	7	0.03	9	30	<2	25	<20	114	<0.01	<10	26	10	10	41
141	80185	10	<0.2	0.64	<5	100	<5	2.27	<1	6	81	247	1.67	<10	0.56	420	4	0.06	7	430	4	10	<20	55	<0.01	<10	30	<10	9	23

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Repeat:																														
1	79987	5	<0.2	1.15	<5	210	<5	2.04	<1	13	97	727	3.13	<10	1.07	449	4	0.04	12	620	10	<5	<20	41	0.07	<10	78	<10	13	32
10	79996	5	<0.2	0.74	<5	415	<5	2.57	<1	8	104	457	2.50	<10	0.74	569	5	0.04	8	410	6	5	<20	48	<0.01	<10	39	<10	13	29
19	80005	5	<0.2	0.62	<5	95	<5	1.26	<1	7	80	147	1.81	<10	0.76	314	4	0.05	5	440	4	5	<20	41	<0.01	<10	39	<10	11	15
36	80080	10	1.0	0.24	<5	80	<5	3.06	<1	5	137	2988	1.56	<10	0.18	1682	7	<0.01	3	340	<2	<5	<20	36	<0.01	<10	14	<10	15	12
45	80089	10	3.4	0.38	<5	210	<5	3.44	<1	11	87	4663	2.70	<10	0.48	1402	541	0.02	5	500	8	<5	<20	56	<0.01	<10	8	<10	14	33
54	80098	5	10.8	0.92	<5	130	<5	2.21	<1	12	94	>10000	2.78	<10	0.78	594	36	0.03	7	90	4	5	<20	40	<0.01	<10	29	<10	10	34
71	80115	70	1.6	0.30	<5	115	<5	3.03	<1	10	78	7238	2.90	<10	0.38	1023	26	0.02	6	310	<2	<5	<20	43	<0.01	<10	20	<10	13	32
80	80124	5	1.2	0.82	<5	140	<5	3.54	<1	13	102	1826	2.91	<10	1.03	785	23	0.03	8	390	4	10	<20	64	<0.01	<10	25	<10	12	35
89	80133	5	<0.2	1.17	<5	260	<5	2.03	<1	13	93	848	3.09	<10	1.07	551	9	0.03	10	510	6	10	<20	31	<0.01	<10	47	<10	11	38
106	80150	15	6.4	0.62	<5	230	<5	9.51	<1	14	56	>10000	3.56	<10	3.10	901	7	0.03	7	40	<2	20	<20	117	<0.01	<10	27	<10	10	41
115	80159	10	<0.2	0.50	<5	435	<5	6.22	<1	9	52	189	2.53	10	0.59	947	4	0.04	7	520	2	<5	<20	78	<0.01	<10	29	<10	21	27
124	80168	10	<0.2	0.70	<5	130	<5	1.48	<1	10	67	211	2.44	<10	0.83	401	3	0.05	8	540	6	10	<20	40	0.06	<10	67	<10	14	22
141	80185	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'96		150	1.0	1.74	60	165	<5	1.78	<1	19	60	84	4.03	<10	1.10	692	<1	0.02	22	670	40	10	<20	56	0.11	<10	76	<10	10	71
GEO'96		140	1.0	1.77	55	165	<5	1.79	<1	19	61	84	4.00	<10	1.10	720	<1	0.02	25	640	22	10	<20	57	0.12	<10	77	<10	9	68
GEO'96		150	0.8	1.73	55	160	<5	1.74	<1	19	58	85	3.96	<10	1.08	692	<1	0.02	22	650	28	15	<20	55	0.10	<10	76	<10	9	69
GEO'96		150	1.0	1.63	60	165	<5	1.78	<1	20	61	80	4.15	<10	1.01	701	<1	0.02	24	650	34	10	<20	58	0.11	<10	78	<10	8	81
GEO'96		140	1.2	1.69	60	155	<5	1.72	<1	18	65	82	3.88	<10	1.07	673	<1	0.02	25	630	24	10	<20	53	0.10	<10	73	<10	12	71

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

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XLS/96

3-Dec-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
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ICP CERTIFICATE OF ANALYSIS AK 96-1349

TARCO OIL & GAS
200 717 7th AVE SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received: 98
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79801	5	<0.2	1.01	<5	65	<5	0.72	<1	10	59	137	2.44	<10	0.62	299	<1	0.02	6	430	8	<5	<20	33	0.07	<10	58	<10	13	30
2	79802	5	<0.2	0.48	<5	50	<5	1.26	<1	8	47	165	2.13	<10	0.31	310	7	0.01	6	210	4	<5	<20	34	<0.01	<10	39	<10	14	17
3	79803	5	<0.2	0.59	5	35	<5	3.30	<1	10	36	97	2.09	<10	0.92	599	5	0.02	6	460	6	5	<20	47	<0.01	<10	34	<10	17	31
4	79804	5	<0.2	0.62	<5	35	<5	2.94	<1	8	47	120	1.98	<10	0.73	496	3	0.02	5	450	4	5	<20	40	<0.01	<10	39	<10	18	27
5	79805	5	<0.2	0.58	10	55	<5	2.71	<1	10	40	270	2.41	<10	0.99	563	10	0.02	6	480	4	10	<20	59	<0.01	<10	46	<10	18	32
6	79806	5	<0.2	0.64	10	45	<5	1.54	<1	10	48	165	2.37	<10	0.66	419	3	0.02	8	540	6	<5	<20	31	<0.01	<10	52	<10	15	30
7	79807	5	<0.2	0.59	<5	45	<5	3.39	<1	6	61	175	1.80	10	0.74	418	4	0.02	6	410	<2	<5	<20	50	<0.01	<10	22	<10	13	21
8	79808	5	<0.2	0.75	<5	50	<5	4.03	<1	8	75	473	1.82	<10	0.87	454	9	0.02	5	470	6	5	<20	54	<0.01	<10	29	<10	17	24
9	79809	5	<0.2	0.57	<5	45	<5	4.01	<1	7	53	262	1.49	10	0.48	418	7	0.02	4	410	4	5	<20	51	<0.01	<10	18	<10	16	19
10	79810	5	<0.2	0.74	<5	50	<5	3.84	<1	8	60	126	1.86	<10	0.63	451	4	0.02	6	440	4	5	<20	54	<0.01	<10	27	<10	16	29
11	79811	10	<0.2	0.66	<5	55	<5	4.19	<1	8	63	134	2.22	10	0.58	501	4	0.02	6	420	4	<5	<20	56	<0.01	<10	25	<10	17	31
12	79812	5	<0.2	0.51	<5	60	<5	4.27	<1	6	52	111	1.92	<10	0.48	491	38	0.02	5	370	<2	<5	<20	56	<0.01	<10	13	<10	16	22
13	79813	5	<0.2	0.69	70	100	<5	2.69	<1	15	46	437	2.51	<10	0.62	557	25	0.04	16	560	4	<5	<20	78	<0.01	<10	22	<10	16	35
14	79814	5	<0.2	0.46	<5	65	<5	3.30	<1	5	59	165	1.54	<10	0.44	374	5	0.03	4	360	4	<5	<20	61	<0.01	<10	19	<10	14	15
15	79815	5	<0.2	0.54	<5	60	<5	3.20	<1	6	84	224	1.66	<10	0.50	417	37	0.03	5	320	4	<5	<20	55	<0.01	<10	20	<10	13	19
16	79816	5	<0.2	0.65	<5	70	<5	2.90	<1	7	87	357	1.90	<10	0.67	400	13	0.03	5	370	2	<5	<20	57	<0.01	<10	26	<10	14	20
17	79817	5	<0.2	0.67	<5	70	<5	3.64	<1	6	76	103	1.73	<10	0.55	421	5	0.04	5	380	6	10	<20	62	<0.01	<10	21	<10	14	21
18	79818	5	<0.2	0.58	<5	75	<5	3.61	<1	5	83	134	1.48	<10	0.57	377	7	0.03	4	350	2	10	<20	64	<0.01	<10	19	<10	14	17
19	79819	5	<0.2	0.58	<5	80	<5	3.12	<1	6	75	147	1.60	<10	0.71	305	9	0.04	4	320	2	10	<20	62	<0.01	<10	22	<10	13	17
20	79820	5	<0.2	0.58	<5	80	<5	2.70	<1	6	89	167	1.78	<10	0.49	352	8	0.04	5	340	4	<5	<20	49	<0.01	<10	23	<10	15	18

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79821	5	<0.2	0.69	<5	75	<5	2.72	<1	7	71	422	1.90	<10	0.70	354	10	0.04	5	370	4	5	<20	54	<0.01	<10	25	<10	13	24
22	79822	5	<0.2	0.69	<5	85	<5	3.21	<1	6	75	363	1.60	<10	0.64	357	9	0.04	5	360	6	10	<20	63	<0.01	<10	17	<10	13	20
23	79823	5	<0.2	0.62	<5	95	<5	3.03	<1	7	71	502	1.90	<10	0.76	379	14	0.04	5	360	4	10	<20	66	<0.01	<10	25	<10	12	16
24	79824	5	<0.2	0.50	<5	110	<5	3.66	<1	5	72	258	1.56	<10	0.63	369	5	0.04	4	300	2	10	<20	79	<0.01	<10	22	<10	14	14
25	79825	5	<0.2	0.50	<5	140	<5	2.23	<1	6	72	79	1.78	<10	0.48	280	4	0.05	4	350	4	<5	<20	69	<0.01	<10	29	<10	11	14
26	79826	5	<0.2	0.49	<5	150	<5	2.55	<1	5	62	166	1.72	<10	0.57	297	11	0.06	4	330	2	10	<20	81	<0.01	<10	27	<10	13	12
27	79827	10	<0.2	0.57	<5	110	<5	1.73	<1	7	83	1724	1.87	<10	0.47	273	161	0.05	5	400	4	<5	<20	45	<0.01	<10	29	<10	7	15
28	79828	5	1.0	0.80	<5	80	<5	3.43	<1	11	80	2260	2.23	<10	0.93	625	13	0.03	5	460	4	15	<20	46	<0.01	<10	29	<10	11	32
29	79829	5	<0.2	0.57	<5	105	<5	1.54	<1	7	74	1158	1.83	<10	0.51	316	5	0.05	6	430	4	<5	<20	42	<0.01	<10	39	<10	9	17
30	79830	10	0.4	0.69	<5	110	<5	2.87	<1	9	57	1584	2.09	<10	0.90	416	7	0.04	6	420	2	15	<20	56	<0.01	<10	33	<10	11	20
31	79831	5	<0.2	0.65	<5	725	<5	2.43	<1	6	78	212	2.13	<10	0.76	398	4	0.06	6	370	4	10	<20	70	0.01	<10	42	<10	11	17
32	79832	10	1.0	0.42	<5	115	<5	3.98	<1	7	60	3836	1.81	<10	0.50	487	13	0.03	5	460	2	10	<20	64	<0.01	<10	15	<10	11	20
33	79833	10	2.4	0.24	<5	60	<5	3.44	<1	4	104	4277	1.15	<10	0.13	455	28	0.01	3	470	<2	<5	<20	30	<0.01	<10	6	<10	10	8
34	79834	5	2.6	0.30	<5	70	<5	2.99	<1	4	82	3980	1.02	<10	0.18	396	11	0.02	3	470	<2	<5	<20	35	<0.01	<10	5	<10	10	8
35	79835	75	3.0	0.55	<5	80	<5	2.99	<1	7	90	7830	1.40	<10	0.47	394	28	0.02	5	460	4	15	<20	41	<0.01	<10	10	<10	8	15
36	79836	5	0.8	0.62	<5	125	<5	2.22	<1	7	60	2488	1.73	<10	0.49	358	17	0.04	5	420	4	<5	<20	49	<0.01	<10	29	<10	8	13
37	79837	5	0.2	0.48	<5	140	<5	3.35	<1	7	71	755	1.62	<10	0.29	405	5	0.04	4	430	2	<5	<20	58	<0.01	<10	20	<10	12	12
38	79838	95	11.6	0.27	10	130	<5	4.88	<1	1	41	>10000	0.38	<10	0.05	445	6	0.03	<1	500	<2	5	<20	62	<0.01	<10	<1	<10	15	2
39	79839	40	9.8	0.31	30	295	<5	5.09	<1	<1	28	8138	0.23	10	0.06	438	10	0.03	1	550	<2	5	<20	80	<0.01	<10	<1	<10	17	7
40	80211	30	2.4	0.65	<5	105	<5	4.06	<1	8	72	2107	1.97	<10	0.71	1330	4	0.01	5	480	4	10	<20	40	<0.01	<10	21	<10	14	23
41	80212	5	<0.2	0.66	<5	75	<5	2.68	<1	9	84	450	2.01	<10	0.60	1345	6	<0.01	5	420	4	<5	<20	28	<0.01	<10	25	<10	11	24
42	80213	5	0.4	0.60	<5	75	<5	3.27	<1	7	74	750	1.72	<10	0.43	1504	5	0.01	4	440	<2	5	<20	30	<0.01	<10	23	<10	13	20
43	80214	5	0.6	0.76	<5	75	<5	2.91	<1	9	72	676	2.09	<10	0.57	1430	4	0.01	5	420	4	15	<20	33	<0.01	<10	27	<10	12	22
44	80215	5	2.2	0.94	15	110	<5	2.52	<1	12	77	2616	2.76	<10	0.80	1191	6	0.02	8	460	4	5	<20	36	<0.01	<10	35	<10	9	44
45	80216	5	<0.2	0.57	35	210	<5	2.82	<1	7	76	442	2.25	<10	0.55	1317	5	0.02	6	430	4	10	<20	41	<0.01	<10	32	<10	13	33
46	80217	5	<0.2	0.61	<5	295	<5	2.12	<1	7	72	184	2.22	<10	0.64	965	5	0.04	6	420	4	<5	<20	47	<0.01	<10	41	<10	13	26
47	80218	5	<0.2	0.76	<5	120	<5	2.06	<1	10	66	416	2.36	<10	0.73	845	6	0.03	6	440	4	<5	<20	40	<0.01	<10	42	<10	12	27
48	80219	5	<0.2	0.74	<5	125	<5	1.95	<1	9	80	447	2.36	<10	0.60	746	12	0.03	7	430	6	5	<20	40	<0.01	<10	43	<10	12	26
49	80220	5	<0.2	0.75	25	330	<5	1.87	<1	18	41	291	3.68	<10	1.10	910	269	0.09	19	660	4	5	<20	99	<0.01	<10	47	<10	17	39
50	80221	5	<0.2	0.69	30	300	<5	1.72	<1	15	72	348	2.68	<10	0.78	628	452	0.06	13	510	6	15	<20	66	<0.01	<10	40	<10	15	25
51	80222	10	<0.2	0.63	<5	270	<5	1.68	<1	7	73	307	2.27	<10	0.65	619	9	0.04	6	410	4	<5	<20	43	<0.01	<10	39	<10	13	24
52	80223	5	<0.2	0.60	<5	185	<5	1.14	<1	8	83	249	2.13	<10	0.59	417	60	0.04	7	400	6	<5	<20	35	0.01	<10	40	<10	12	18
53	80224	5	<0.2	0.72	<5	185	<5	1.83	<1	9	65	376	2.56	<10	0.74	608	49	0.03	7	420	4	<5	<20	39	<0.01	<10	41	<10	15	22
54	80225	5	<0.2	0.69	<5	120	<5	2.06	<1	9	79	484	2.31	<10	0.65	649	64	0.04	6	450	4	<5	<20	45	<0.01	<10	38	<10	12	25
55	80226	5	<0.2	0.71	<5	120	<5	1.60	<1	10	61	317	2.47	<10	0.70	592	30	0.04	6	460	4	5	<20	44	<0.01	<10	36	<10	11	22

TARCO OIL & GAS

ICP CERTIFICATE OF ANALYSIS AK 96-1349

ECO-TECH LABORATORIES LTD.

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	80227	5	<0.2	0.69	<5	155	<5	2.27	<1	10	72	484	2.60	<10	0.85	860	8	0.04	7	470	4	<5	<20	58	<0.01	<10	40	<10	11	26
57	80228	5	0.4	0.49	<5	190	<5	3.36	<1	10	64	1164	2.42	<10	0.89	1361	21	0.02	6	480	2	10	<20	49	<0.01	<10	30	<10	12	25
58	80229	5	0.6	0.63	<5	145	<5	2.36	<1	11	71	906	2.76	<10	0.87	865	20	0.04	7	460	4	<5	<20	48	<0.01	<10	39	<10	12	28
59	80230	5	0.6	0.45	<5	110	<5	2.77	<1	9	78	1009	2.16	<10	0.68	888	67	0.03	5	430	2	<5	<20	40	<0.01	<10	29	<10	11	24
60	80231	55	5.8	0.40	<5	70	<5	2.27	<1	7	76	4234	1.82	<10	0.41	939	20	0.01	4	520	<2	<5	<20	23	<0.01	<10	20	<10	9	22
61	80232	25	8.6	0.27	<5	105	<5	2.68	<1	10	64	2533	2.44	<10	0.80	1315	12	0.02	6	440	<2	5	<20	31	<0.01	<10	25	<10	11	29
62	80233	205	>30	0.24	<5	95	<5	4.22	<1	10	70	>10000	3.00	<10	1.04	1833	15	0.01	5	340	<2	15	<20	39	0.02	<10	12	<10	11	25
63	80234	5	4.8	0.41	<5	90	<5	3.04	<1	10	65	5036	2.39	<10	0.49	1318	5	0.02	6	630	<2	5	20	35	<0.01	<10	25	<10	13	30
64	80235	5	0.4	0.79	<5	75	<5	1.88	<1	10	77	609	2.65	<10	0.69	766	5	0.03	8	500	2	<5	<20	28	<0.01	<10	34	<10	11	32
65	80236	5	1.2	0.73	<5	80	<5	1.42	<1	12	71	1404	3.02	<10	0.78	756	8	0.02	8	510	4	<5	20	21	<0.01	<10	37	<10	11	35
66	80237	5	0.6	0.49	<5	90	<5	0.98	<1	9	70	800	2.56	<10	0.67	571	12	0.02	7	440	4	5	<20	19	<0.01	<10	35	<10	6	26
67	80238	5	0.4	0.57	<5	75	<5	0.61	<1	10	62	1049	2.80	<10	0.69	530	119	0.03	8	450	4	<5	<20	18	<0.01	<10	43	<10	10	29
68	80239	5	<0.2	0.47	<5	110	<5	0.59	<1	8	79	405	2.58	<10	0.56	407	15	0.04	6	420	4	<5	<20	29	<0.01	<10	42	<10	10	19
69	80240	5	<0.2	0.56	<5	100	<5	0.47	<1	9	67	464	2.44	<10	0.60	381	8	0.04	6	410	2	<5	<20	22	0.01	<10	42	<10	8	23
70	80241	5	<0.2	0.51	<5	95	<5	0.79	<1	9	83	769	2.46	<10	0.66	418	32	0.03	7	380	2	<5	<20	24	<0.01	<10	39	<10	6	25
71	80242	5	<0.2	0.54	<5	95	<5	0.59	<1	10	77	694	2.52	<10	0.64	418	18	0.04	7	480	4	<5	<20	26	<0.01	<10	46	<10	10	25
72	80243	5	<0.2	0.68	<5	110	<5	1.59	<1	12	82	783	3.01	<10	1.00	716	27	0.04	8	450	4	5	<20	38	<0.01	<10	42	<10	11	35
73	80244	5	1.2	0.40	<5	110	<5	1.68	<1	9	86	1863	2.39	<10	0.80	757	27	0.03	7	490	2	<5	<20	39	<0.01	<10	37	<10	12	27
74	80245	5	0.6	0.51	<5	100	<5	0.80	<1	10	67	1613	2.96	<10	0.70	600	133	0.04	8	460	2	<5	<20	24	<0.01	<10	48	<10	7	31
75	80246	5	0.2	0.49	<5	105	<5	0.85	<1	8	81	620	2.39	<10	0.61	548	16	0.04	7	450	4	<5	<20	31	<0.01	<10	38	<10	10	24
76	80247	5	<0.2	0.42	<5	135	<5	0.69	<1	7	74	194	2.15	<10	0.45	449	8	0.05	7	430	<2	<5	<20	42	<0.01	<10	38	<10	10	19
77	80248	5	<0.2	0.49	<5	135	<5	1.43	<1	7	71	305	1.90	<10	0.64	482	6	0.05	5	440	2	10	<20	54	<0.01	<10	29	<10	8	19
78	80249	5	<0.2	0.60	<5	220	<5	1.77	<1	7	87	264	2.14	<10	0.61	387	7	0.05	6	410	4	<5	<20	46	<0.01	<10	38	<10	10	18
79	80250	5	<0.2	0.70	<5	80	<5	1.29	<1	10	72	683	2.71	10	0.80	454	123	0.04	8	430	2	<5	<20	28	<0.01	<10	40	<10	9	24
80	80251	5	<0.2	0.55	<5	135	<5	1.43	<1	7	62	199	2.05	<10	0.68	294	10	0.06	6	460	<2	<5	<20	53	<0.01	<10	41	<10	11	14
81	80252	5	<0.2	0.67	<5	330	<5	1.73	<1	7	62	277	2.24	<10	0.85	302	9	0.08	5	420	4	5	<20	78	0.02	<10	44	<10	14	14
82	80253	5	<0.2	0.54	<5	460	<5	1.97	<1	6	51	197	2.39	<10	0.98	377	30	0.07	6	430	4	10	<20	81	0.01	<10	44	<10	14	16
83	80254	5	<0.2	0.70	<5	325	<5	1.41	<1	7	58	198	2.15	<10	0.65	278	114	0.06	6	460	4	<5	<20	57	0.02	<10	45	<10	13	15
84	80255	5	<0.2	0.73	<5	245	<5	1.29	<1	8	67	491	2.29	<10	0.69	301	7	0.06	7	450	4	<5	<20	54	0.02	<10	45	<10	13	18
85	80256	5	0.2	0.71	<5	95	<5	0.94	<1	11	76	787	2.70	<10	0.85	421	12	0.04	7	480	2	<5	<20	42	<0.01	<10	44	<10	12	28
86	80257	5	<0.2	0.71	<5	90	<5	0.83	<1	10	73	536	2.64	<10	0.78	392	30	0.04	6	430	4	10	<20	37	<0.01	<10	44	<10	10	26
87	80258	5	0.2	0.74	<5	160	<5	1.02	<1	10	63	418	2.82	<10	0.84	472	15	0.05	5	490	4	<5	<20	53	<0.01	<10	43	<10	10	29
88	80259	5	<0.2	0.89	<5	115	<5	1.70	<1	13	80	87	2.92	<10	0.98	526	32	0.04	7	470	4	<5	<20	40	<0.01	<10	35	<10	8	38
89	80260	5	0.4	0.77	<5	155	<5	1.57	<1	12	52	951	2.96	<10	0.95	430	56	0.05	7	490	4	<5	<20	60	<0.01	<10	38	<10	8	33
90	80261	5	<0.2	0.48	<5	195	<5	1.90	<1	10	63	633	2.68	<10	0.86	372	14	0.05	6	460	2	5	<20	90	<0.01	<10	29	<10	9	30

TARCO OIL & GAS

ICP CERTIFICATE OF ANALYSIS AK 96-1349

ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	80262	5	<0.2	0.42	<5	265	<5	3.35	<1	9	56	335	2.50	<10	1.43	644	25	0.05	7	410	2	15	<20	140	<0.01	<10	23	<10	13	27
92	80263	5	<0.2	0.43	<5	260	<5	3.27	<1	6	54	57	1.90	<10	0.59	378	4	0.06	4	490	<2	<5	<20	102	<0.01	<10	26	<10	12	16
93	80264	5	0.2	0.55	<5	335	<5	3.82	<1	8	20	655	2.21	<10	0.73	525	31	0.05	4	440	4	10	<20	97	<0.01	<10	21	<10	12	23
94	80265	5	0.8	0.53	<5	150	<5	5.18	<1	8	63	1256	2.09	<10	0.58	624	7	0.03	5	470	<2	<5	<20	84	<0.01	<10	24	<10	18	24
95	80266	5	0.6	0.51	<5	125	<5	4.75	<1	8	39	846	2.10	<10	0.55	573	8	0.03	5	460	<2	<5	<20	84	<0.01	<10	22	<10	15	24
96	80267	5	0.4	0.46	<5	190	<5	5.20	<1	7	56	611	1.95	10	0.52	581	7	0.03	4	450	<2	<5	<20	88	<0.01	<10	22	<10	17	21
97	80268	5	0.2	0.47	<5	95	<5	4.86	<1	7	46	348	1.89	10	0.43	594	5	0.04	5	410	4	<5	<20	89	<0.01	<10	28	<10	16	28
98	80269	5	<0.2	0.47	<5	145	<5	3.85	<1	6	73	77	1.58	10	0.32	419	4	0.04	5	430	<2	<5	<20	74	<0.01	<10	29	<10	16	20
QC DATA:																														
Resplit:																														
1	79801	5	<0.2	0.88	<5	65	<5	0.69	<1	9	30	141	2.33	<10	0.58	283	<1	0.01	5	390	8	<5	<20	33	0.06	<10	53	<10	12	29
36	79836	5	0.8	0.68	<5	130	<5	2.26	<1	7	76	2490	1.81	<10	0.51	363	15	0.04	5	430	2	<5	<20	50	<0.01	<10	31	<10	9	17
71	80242	5	<0.2	0.51	<5	90	<5	0.59	<1	9	67	665	2.44	<10	0.60	405	15	0.04	6	450	2	<5	<20	25	<0.01	<10	45	<10	9	24
Repeat:																														
1	79801	5	<0.2	1.06	<5	70	<5	0.75	<1	10	51	138	2.55	<10	0.64	307	<1	0.02	7	440	8	<5	<20	33	0.08	<10	62	<10	13	32
10	79810	5	<0.2	0.81	<5	50	<5	3.90	<1	9	63	128	1.91	<10	0.63	460	4	0.02	6	460	4	10	<20	52	<0.01	<10	28	<10	15	31
19	79819	5	<0.2	0.56	<5	80	<5	3.07	<1	6	74	142	1.77	<10	0.68	379	12	0.04	4	320	4	10	<20	63	<0.01	<10	22	<10	13	17
36	79836	5	1.0	0.63	<5	120	<5	2.23	<1	7	70	2508	1.76	<10	0.49	364	14	0.04	6	430	2	5	<20	48	<0.01	<10	30	<10	8	14
45	80216	5	<0.2	0.56	35	205	<5	2.79	<1	7	75	439	2.24	<10	0.54	1308	6	0.02	6	430	2	5	<20	40	<0.01	<10	32	<10	12	32
54	80225	5	<0.2	0.67	<5	115	<5	2.07	<1	9	81	488	2.32	<10	0.65	652	62	0.04	6	450	6	<5	<20	44	<0.01	<10	38	<10	12	25
71	80242	5	<0.2	0.51	<5	85	<5	0.56	<1	9	72	688	2.37	<10	0.59	398	21	0.04	7	440	4	<5	20	24	<0.01	<10	43	<10	9	23
80	80251	5	<0.2	0.56	<5	135	<5	1.41	<1	7	62	194	2.05	<10	0.67	293	11	0.06	4	440	4	<5	<20	54	<0.01	<10	41	<10	11	14
89	80260	5	0.4	0.74	<5	150	<5	1.53	<1	11	51	949	2.89	<10	0.91	419	57	0.05	7	480	4	<5	<20	58	<0.01	<10	37	<10	8	32
Standard:																														
GEO'96		140	0.8	1.69	60	150	<5	1.67	<1	18	58	85	3.84	<10	1.03	653	<1	0.02	25	610	22	<5	<20	54	0.11	<10	74	<10	7	67
GEO'96		145	0.8	1.63	60	145	<5	1.61	<1	17	56	90	3.70	<10	1.01	632	<1	0.02	23	590	20	<5	<20	52	0.11	<10	71	<10	6	65
GEO'96		140	0.8	1.68	60	150	<5	1.65	<1	18	57	80	3.80	<10	1.02	649	<1	0.02	24	600	18	<5	<20	56	0.12	<10	73	<10	6	68

ECO-TECH LABORATORIES LTD.
Frank J Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1346
XLS/96

28-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1346

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received:114
Sample type:CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79840	5	2.8	0.29	10	305	<5	4.53	<1	7	52	3926	1.58	<10	0.22	438	149	0.03	5	350	4	<5	<20	63	<0.01	<10	5	<10	12	18
2	79841	5	4.2	0.29	<5	130	<5	4.66	<1	11	63	2668	2.20	<10	0.32	617	490	0.02	6	280	<2	<5	<20	60	<0.01	<10	7	<10	10	21
3	79842	5	0.6	0.40	<5	120	<5	3.62	<1	9	82	1619	2.12	<10	0.42	520	9	0.03	6	370	<2	<5	<20	48	<0.01	<10	11	<10	8	19
4	79843	5	1.0	0.64	<5	115	<5	3.64	<1	11	81	2003	2.58	<10	0.55	556	7	0.02	8	440	<2	5	<20	48	<0.01	<10	19	<10	11	26
5	79844	5	0.4	0.23	<5	150	<5	5.69	<1	7	36	249	1.29	<10	0.21	741	5	0.03	4	300	<2	10	<20	60	<0.01	<10	4	<10	13	25
6	79845	5	<0.2	0.54	<5	120	<5	2.99	<1	8	91	404	2.12	<10	0.41	475	6	0.03	7	400	2	5	<20	48	<0.01	<10	24	<10	12	18
7	79846	10	0.4	0.40	<5	170	<5	3.40	<1	5	107	692	1.44	<10	0.29	500	6	0.03	5	390	2	<5	<20	46	<0.01	<10	15	<10	15	11
8	79847	5	0.2	0.5.	<5	105	<5	4.76	<1	9	98	592	2.33	<10	0.66	717	17	0.03	6	350	2	5	<20	60	<0.01	<10	21	<10	15	17
9	79848	5	0.4	0.39	<5	535	<5	3.85	<1	6	82	351	2.35	<10	1.28	629	17	0.03	5	340	<2	10	<20	66	<0.01	<10	15	<10	15	16
10	79849	5	0.2	0.56	<5	310	<5	2.59	<1	7	87	480	2.13	<10	0.78	401	9	0.04	5	370	<2	5	<20	52	<0.01	<10	27	<10	11	14
11	79850	5	1.0	0.72	<5	250	<5	2.58	<1	8	99	1992	2.09	<10	1.40	478	24	0.03	5	390	2	15	<20	47	<0.01	<10	21	<10	11	18
12	80051	5	<0.2	0.48	<5	30	<5	3.23	<1	7	52	86	1.59	10	0.37	359	4	0.01	5	350	2	<5	<20	42	<0.01	<10	27	<10	16	18
13	80052	5	<0.2	0.41	5	35	<5	4.04	<1	7	49	109	1.61	10	0.46	395	15	0.01	4	370	4	10	<20	54	<0.01	<10	25	<10	20	16
14	80053	5	<0.2	0.66	<5	35	<5	2.36	<1	8	50	172	1.88	<10	0.57	345	45	0.01	6	410	4	10	<20	34	<0.01	<10	30	<10	14	22
15	80054	5	<0.2	0.62	<5	45	<5	2.30	<1	8	53	253	2.14	10	0.76	368	9	0.02	6	440	2	5	<20	46	<0.01	<10	42	<10	16	19
16	80055	5	<0.2	0.74	<5	40	<5	1.77	<1	9	51	90	2.25	<10	0.77	399	4	0.03	7	460	4	10	<20	44	0.01	<10	45	<10	14	22
17	80056	5	<0.2	0.65	<5	50	<5	1.60	<1	8	60	45	2.07	<10	0.62	354	4	0.03	7	460	4	5	<20	45	0.01	<10	43	<10	14	22
18	80057	5	<0.2	0.60	<5	80	<5	2.55	<1	8	58	124	2.16	<10	1.01	460	7	0.03	6	400	4	15	<20	57	<0.01	<10	40	<10	16	25
19	80058	5	<0.2	0.58	<5	70	<5	2.17	<1	8	58	86	2.01	<10	0.70	440	4	0.03	6	390	4	5	<20	56	<0.01	<10	41	<10	16	23
20	80059	10	<0.2	0.60	<5	75	<5	2.35	<1	8	77	136	2.08	<10	0.90	547	5	0.03	6	450	4	10	<20	52	<0.01	<10	41	<10	16	25

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	80060	5	<0.2	0.61	<5	90	<5	1.98	<1	8	56	209	1.93	10	0.74	390	3	0.04	6	420	4	10	<20	65	<0.01	<10	43	<10	15	20
22	80061	5	<0.2	0.59	<5	80	<5	2.17	<1	9	66	128	2.21	10	0.58	426	5	0.04	8	430	4	10	<20	49	0.01	<10	48	<10	18	22
23	80062	5	<0.2	0.50	<5	70	<5	2.52	<1	7	91	267	1.79	10	0.48	566	6	0.03	6	400	2	<5	<20	42	<0.01	<10	34	<10	16	17
24	80063	5	<0.2	0.70	<5	85	<5	1.94	<1	9	53	193	2.12	<10	0.86	430	9	0.04	8	430	4	10	<20	57	<0.01	<10	39	<10	17	24
25	80064	5	<0.2	0.61	<5	100	<5	1.92	<1	8	54	267	2.02	<10	0.95	409	4	0.05	7	430	4	10	<20	68	<0.01	<10	43	<10	15	18
26	80065	5	<0.2	0.65	<5	110	<5	1.47	<1	8	51	116	2.02	<10	0.69	333	3	0.05	7	450	4	5	<20	59	0.01	<10	50	<10	14	20
27	80066	10	<0.2	0.57	<5	95	<5	1.28	<1	7	72	153	1.96	10	0.65	311	4	0.04	6	380	4	<5	<20	50	0.01	<10	46	<10	18	17
28	80067	5	<0.2	0.69	<5	85	<5	1.47	<1	9	76	331	2.23	<10	0.80	387	8	0.04	7	450	4	5	<20	44	0.01	<10	50	<10	15	23
29	80201	5	<0.2	0.56	<5	235	<5	0.73	<1	7	79	705	1.67	<10	0.60	188	5	0.04	5	330	2	<5	<20	29	<0.01	<10	31	<10	7	9
30	80202	5	<0.2	0.57	<5	125	<5	0.95	<1	6	64	629	1.71	<10	0.63	229	8	0.05	5	350	2	10	<20	34	<0.01	<10	29	<10	10	10
31	80203	5	<0.2	0.54	<5	365	<5	2.13	<1	5	56	154	1.68	<10	0.52	378	44	0.05	4	380	4	5	<20	50	<0.01	<10	26	<10	11	10
32	80204	5	<0.2	0.59	<5	265	<5	1.61	<1	6	58	1128	1.76	<10	0.58	287	11	0.05	5	380	2	10	<20	46	<0.01	<10	28	<10	8	11
33	80205	5	<0.2	0.51	<5	145	<5	2.44	<1	6	81	103	1.73	<10	0.58	380	8	0.04	4	350	4	5	<20	48	<0.01	<10	27	<10	12	9
34	80206	5	0.4	0.55	<5	135	<5	3.02	<1	7	70	957	2.03	<10	0.53	584	72	0.03	5	410	2	<5	<20	46	<0.01	<10	26	<10	12	13
35	80207	5	0.6	0.70	<5	150	<5	2.59	<1	7	93	1041	1.98	<10	0.61	547	46	0.03	6	440	4	<5	<20	40	<0.01	<10	28	<10	13	14
36	80208	5	0.2	0.69	<5	245	<5	3.92	<1	9	71	347	2.23	<10	0.64	1026	12	0.03	6	440	4	5	<20	55	<0.01	<10	19	<10	13	24
37	80209	5	1.0	2.62	<5	245	<5	3.06	<1	31	53	805	5.76	<10	2.69	1788	81	0.01	22	300	10	10	<20	36	<0.01	<10	85	<10	<1	80
38	80210	5	0.4	0.54	<5	115	<5	3.48	<1	7	92	335	1.70	<10	0.55	1373	8	0.01	5	390	2	5	<20	33	<0.01	<10	21	<10	13	17
39	80301	5	<0.2	1.12	<5	90	<5	1.28	<1	17	61	136	3.56	<10	0.96	341	3	0.03	14	700	6	5	<20	21	0.18	<10	117	<10	12	38
40	80302	5	<0.2	1.08	<5	165	<5	2.13	<1	19	65	122	3.75	<10	0.91	534	3	0.03	13	730	6	<5	<20	35	0.20	<10	119	<10	21	39
41	80303	5	<0.2	0.91	<5	110	<5	1.47	<1	19	43	157	4.03	<10	0.94	682	3	0.03	14	760	6	<5	<20	34	0.17	<10	113	<10	25	40
42	80304	5	<0.2	0.81	<5	65	<5	1.16	<1	14	64	228	3.13	<10	0.77	426	3	0.03	11	620	4	<5	<20	32	0.11	<10	85	<10	15	27
43	80305	5	<0.2	0.76	<5	55	<5	1.28	<1	12	58	135	2.85	<10	0.57	332	2	0.03	10	610	4	<5	<20	27	0.10	<10	80	<10	15	16
44	80306	5	<0.2	0.87	<5	60	<5	1.22	<1	13	73	78	3.13	<10	0.66	327	2	0.03	10	650	4	<5	<20	29	0.12	<10	96	<10	13	20
45	80307	5	<0.2	0.90	<5	65	<5	1.39	<1	15	55	97	3.42	<10	0.80	474	11	0.03	13	730	6	10	<20	37	0.10	<10	98	<10	16	30
46	80308	10	<0.2	1.03	<5	90	<5	1.38	<1	16	68	118	3.46	<10	0.96	382	3	0.03	13	680	6	5	<20	28	0.17	<10	109	<10	13	32
47	80309	5	<0.2	0.89	<5	85	<5	1.14	<1	13	69	240	2.98	<10	0.73	300	4	0.04	11	580	4	5	<20	26	0.14	<10	94	<10	12	25
48	80310	5	<0.2	0.83	<5	60	<5	1.22	<1	11	76	102	2.63	<10	0.67	257	3	0.03	10	580	4	<5	<20	27	0.09	<10	79	<10	10	22
49	80311	5	<0.2	0.74	<5	60	<5	1.30	<1	10	69	103	2.46	<10	0.57	268	3	0.03	9	560	4	5	<20	30	0.07	<10	71	<10	14	17
50	80312	5	<0.2	0.76	<5	60	<5	2.00	<1	10	84	104	2.40	<10	0.74	276	5	0.03	9	560	6	10	<20	36	0.07	<10	69	<10	16	17
51	80313	5	<0.2	0.82	<5	65	<5	1.24	<1	11	79	72	2.57	<10	0.64	278	5	0.04	10	600	4	<5	<20	27	0.10	<10	79	<10	12	20
52	80314	10	<0.2	0.62	<5	110	<5	4.18	<1	14	81	329	3.19	<10	0.76	1415	10	0.04	10	630	4	5	<20	54	0.07	<10	71	<10	17	41
53	80315	5	<0.2	0.79	<5	525	<5	4.66	<1	15	57	342	3.45	<10	1.00	1078	8	0.04	11	720	4	10	<20	77	0.08	<10	80	<10	23	48
54	80316	5	<0.2	1.04	<5	90	<5	2.29	<1	20	56	62	4.09	<10	1.26	677	3	0.06	15	760	6	5	<20	62	0.14	<10	122	<10	17	48
55	80317	5	<0.2	0.8?	<5	150	<5	1.93	<1	13	67	33	2.87	<10	0.88	473	3	0.04	11	590	4	5	<20	48	0.10	<10	77	<10	13	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	80318	5	<0.2	0.52	<5	175	<5	2.38	<1	6	97	188	1.84	<10	0.51	691	5	0.03	6	380	4	<5	<20	34	0.02	<10	30	<10	16	23
57	80319	5	<0.2	0.76	<5	85	<5	1.06	<1	8	95	44	1.99	<10	0.57	293	8	0.04	6	400	4	<5	<20	23	0.06	<10	47	<10	12	19
58	80320	5	<0.2	0.67	<5	130	<5	3.21	<1	8	100	161	2.10	<10	0.60	696	6	0.04	7	430	4	10	<20	42	0.02	<10	41	<10	16	21
59	80321	5	<0.2	0.77	<5	125	<5	1.75	<1	8	69	110	2.25	<10	0.61	416	6	0.04	8	470	4	<5	<20	33	0.04	<10	52	<10	11	26
60	80322	5	<0.2	0.70	<5	90	<5	1.08	<1	8	93	189	2.10	<10	0.54	282	3	0.04	7	450	4	<5	<20	23	0.06	<10	55	<10	13	21
61	80323	5	<0.2	0.59	<5	50	<5	1.41	<1	8	93	73	1.95	<10	0.57	345	4	0.04	7	410	2	5	<20	31	0.02	<10	45	<10	17	21
62	80324	5	<0.2	0.59	<5	60	<5	2.17	<1	8	94	170	2.10	<10	0.60	514	5	0.04	8	460	2	5	<20	35	0.03	<10	47	<10	16	22
63	80325	5	<0.2	0.79	<5	145	<5	1.69	<1	10	79	211	2.40	<10	0.90	599	15	0.05	8	520	4	10	<20	36	0.05	<10	59	<10	14	28
64	80326	5	0.2	0.39	<5	220	<5	3.53	<1	9	98	321	2.27	<10	0.91	2547	9	0.03	6	410	4	15	<20	42	<0.01	<10	19	<10	17	39
65	80327	5	<0.2	0.35	10	75	<5	1.33	<1	9	84	260	1.79	10	0.51	692	5	0.05	9	420	2	10	<20	36	<0.01	<10	24	<10	16	20
66	80328	10	<0.2	0.53	<5	65	<5	1.43	<1	8	90	118	2.19	<10	0.69	484	5	0.05	9	440	2	5	<20	35	0.02	<10	48	<10	17	21
67	80329	5	<0.2	0.59	<5	130	<5	1.48	<1	8	84	98	2.30	<10	0.72	521	5	0.05	7	440	4	<5	<20	36	0.04	<10	52	<10	16	17
68	80330	5	0.2	0.47	<5	80	<5	3.58	<1	9	83	388	2.25	<10	0.61	1327	6	0.04	6	480	2	<5	<20	48	<0.01	<10	32	<10	16	45
69	80331	5	<0.2	0.75	<5	100	<5	2.31	<1	9	76	132	2.31	<10	0.94	668	5	0.04	8	480	4	5	<20	64	0.02	<10	51	<10	20	20
70	80332	5	<0.2	0.73	<5	140	<5	1.64	<1	9	93	163	2.22	<10	0.73	486	4	0.04	7	500	4	5	<20	29	0.04	<10	57	<10	14	20
71	80333	5	<0.2	0.62	<5	250	<5	2.61	<1	7	97	105	1.98	10	0.69	660	6	0.04	7	470	4	5	<20	43	<0.01	<10	40	<10	15	21
72	80334	5	<0.2	0.65	<5	80	<5	1.16	<1	8	82	114	2.16	<10	0.60	347	4	0.05	7	450	4	<5	<20	29	0.03	<10	57	<10	14	18
73	80335	5	<0.2	0.62	<5	95	<5	1.11	<1	8	87	166	2.15	<10	0.54	334	4	0.04	7	450	4	<5	<20	28	0.04	<10	56	<10	13	16
74	80336	5	<0.2	0.64	<5	135	<5	2.16	<1	8	94	104	2.22	<10	0.62	642	11	0.04	9	500	4	<5	<20	42	0.02	<10	53	<10	14	18
75	80337	5	<0.2	0.50	<5	95	<5	1.12	<1	8	75	76	2.04	<10	0.51	393	4	0.05	7	500	2	<5	<20	37	<0.01	<10	48	<10	15	19
76	80338	5	<0.2	0.53	<5	100	<5	0.99	<1	9	85	130	2.24	<10	0.54	391	5	0.05	7	530	2	<5	<20	37	<0.01	<10	52	<10	15	21
77	80339	5	<0.2	0.60	<5	115	<5	1.71	<1	8	93	138	2.22	<10	0.55	413	8	0.05	7	540	<2	5	<20	44	<0.01	<10	52	<10	14	19
78	80340	5	<0.2	0.48	<5	115	<5	1.13	<1	8	78	114	2.24	<10	0.50	340	6	0.05	7	490	2	<5	<20	35	0.02	<10	60	<10	13	17
79	80341	5	<0.2	0.53	<5	200	<5	1.60	<1	8	91	150	2.21	<10	0.58	389	8	0.05	7	500	2	<5	<20	40	0.02	<10	55	<10	15	16
80	80342	5	<0.2	0.70	<5	130	<5	1.53	<1	8	72	782	2.04	<10	0.72	433	11	0.03	8	500	2	5	<20	29	<0.01	<10	46	<10	14	23
81	80343	5	4.6	0.35	<5	160	<5	4.18	<1	11	89	5884	2.74	<10	0.79	1189	105	0.02	8	500	4	5	<20	52	<0.01	<10	25	<10	14	30
82	80344	5	0.8	0.50	<5	465	<5	3.74	<1	7	96	1324	2.17	<10	0.58	786	57	0.02	7	440	2	<5	<20	52	<0.01	<10	26	<10	12	21
83	80345	5	1.2	0.43	<5	285	<5	3.35	<1	8	81	1848	2.21	<10	0.56	716	36	0.02	6	430	2	5	<20	45	<0.01	<10	25	<10	12	22
84	80346	10	5.6	0.35	<5	235	<5	3.22	<1	9	75	6445	2.23	<10	0.59	763	336	0.02	8	490	2	5	<20	47	<0.01	<10	15	<10	10	28
85	80347	5	4.4	0.42	<5	165	<5	3.36	<1	12	91	3628	2.81	<10	0.57	890	32	0.02	9	460	2	<5	<20	43	<0.01	<10	21	<10	11	37
86	80348	5	2.2	0.70	<5	110	<5	3.23	<1	14	61	3797	2.71	<10	0.78	978	22	0.01	10	490	<2	5	<20	38	<0.01	<10	25	<10	8	41
87	80349	5	2.4	0.32	<5	100	<5	3.45	<1	8	86	2941	1.62	<10	0.31	943	251	0.01	5	470	2	<5	<20	39	<0.01	<10	9	<10	13	21
88	80350	10	2.2	0.36	<5	435	<5	3.12	<1	7	18	2076	1.85	<10	0.42	641	71	0.03	5	400	<2	<5	<20	52	<0.01	<10	12	<10	13	24
89	80351	5	0.6	0.37	<5	270	<5	4.59	<1	8	32	762	2.06	<10	0.48	712	48	0.03	5	400	2	10	<20	68	<0.01	<10	17	<10	15	23
90	80352	5	0.2	0.48	<5	175	<5	2.59	<1	7	26	864	1.90	<10	0.81	602	11	0.03	4	390	2	15	<20	46	<0.01	<10	22	<10	11	20

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	80353	5	1.2	0.48	<5	85	<5	1.07	<1	8	69	1683	1.98	<10	0.57	507	44	0.03	5	400	4	<5	<20	22	<0.01	<10	31	<10	11	17
92	80354	5	0.4	0.68	<5	80	<5	0.68	<1	10	64	356	2.52	<10	0.76	671	25	0.03	6	390	4	<5	<20	16	<0.01	<10	35	<10	8	30
93	80355	5	2.2	0.72	<5	60	<5	1.31	<1	10	60	704	2.25	<10	0.69	960	95	0.02	7	430	4	<5	<20	18	<0.01	<10	28	<10	10	31
94	80356	5	0.4	0.65	<5	70	<5	2.19	<1	10	32	2051	2.74	<10	0.66	1709	97	0.01	6	490	4	5	<20	23	<0.01	<10	23	<10	10	44
95	80357	10	<0.2	1.09	<5	70	<5	0.95	<1	13	65	49	3.30	<10	0.92	950	68	0.02	10	480	6	5	<20	14	<0.01	<10	42	<10	9	51
96	80358	5	<0.2	0.71	<5	85	<5	1.15	<1	9	39	582	2.41	<10	0.68	625	12	0.04	7	510	4	<5	<20	27	<0.01	<10	47	<10	10	22
97	80359	5	<0.2	0.88	<5	65	<5	1.36	<1	12	55	307	2.72	<10	0.86	719	7	0.03	8	510	4	5	<20	20	<0.01	<10	45	<10	9	30
98	80360	5	0.2	0.81	<5	75	<5	1.54	<1	10	46	414	2.49	<10	0.76	618	8	0.04	7	510	6	10	<20	30	<0.01	<10	45	<10	13	24
99	80361	5	0.8	0.82	<5	65	<5	1.30	<1	11	57	1309	2.86	<10	0.93	559	90	0.03	7	490	4	<5	<20	19	<0.01	<10	43	<10	9	26
100	80362	5	<0.2	0.83	<5	80	<5	1.50	<1	11	45	447	2.69	<10	0.95	498	38	0.04	7	510	4	10	<20	27	<0.01	<10	50	<10	13	25
101	80363	5	<0.2	0.71	<5	70	<5	1.52	<1	9	67	338	2.28	<10	0.73	429	13	0.03	7	480	4	5	<20	31	<0.01	<10	45	<10	12	19
102	80364	5	0.2	0.73	<5	70	<5	2.31	<1	10	37	419	2.36	<10	0.90	968	19	0.03	7	450	4	10	<20	35	<0.01	<10	38	<10	12	24
103	80365	5	<0.2	0.66	<5	55	<5	3.40	<1	9	61	229	2.08	<10	0.68	1328	16	0.02	7	480	2	10	<20	40	<0.01	<10	29	<10	14	29
104	80366	5	0.4	0.64	<5	55	<5	2.71	<1	8	55	709	1.92	10	0.58	927	7	0.02	6	440	2	5	<20	31	<0.01	<10	28	<10	15	28
105	80367	10	4.0	0.51	<5	60	<5	2.20	<1	7	68	7137	1.81	10	0.55	688	9	0.03	6	560	2	10	<20	34	<0.01	<10	32	<10	16	21
106	80368	5	1.8	0.56	<5	65	<5	1.72	<1	8	43	2801	1.82	10	0.89	565	9	0.03	5	500	4	10	<20	30	<0.01	<10	33	<10	16	22
107	80369	5	<0.2	0.53	<5	75	<5	1.25	<1	7	60	232	1.96	10	0.51	341	4	0.05	7	420	4	10	<20	37	<0.01	<10	42	<10	20	13
108	80370	5	<0.2	0.53	<5	85	<5	1.07	<1	7	58	233	2.17	10	0.50	298	4	0.06	6	440	4	<5	<20	44	0.01	<10	49	<10	17	14
109	80371	5	<0.2	0.46	<5	105	<5	0.89	<1	7	39	148	2.06	10	0.44	288	4	0.06	6	410	4	<5	<20	42	0.01	<10	48	<10	17	18
110	80372	5	<0.2	0.59	<5	100	<5	1.27	<1	8	71	168	2.17	<10	0.45	283	4	0.05	5	400	4	<5	<20	37	0.03	<10	52	<10	14	22
111	80373	10	<0.2	0.49	<5	85	<5	1.23	<1	7	37	376	2.03	10	0.42	276	77	0.06	5	430	4	<5	<20	41	0.01	<10	48	<10	18	17
112	80374	5	<0.2	0.45	<5	85	<5	0.69	<1	7	49	195	2.19	10	0.45	284	5	0.06	5	430	2	<5	<20	44	<0.01	<10	48	<10	19	15
113	80375	5	<0.2	0.70	<5	90	<5	1.33	<1	8	76	546	2.29	<10	0.53	217	4	0.06	6	450	4	<5	<20	43	0.03	<10	55	<10	13	15
114	80376	5	<0.2	0.49	<5	70	<5	1.54	<1	7	72	145	1.97	10	0.49	339	11	0.06	5	400	4	<5	<20	44	<0.01	<10	42	<10	19	18

TARCO OIL & GAS | ICP CERTIFICATE OF ANALYSIS AK 96-1346 | ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1	79840	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	80208	5	0.4	0.70	<5	220	<5	3.70	<1	9	73	371	2.26	<10	0.66	985	23	0.03	6	430	2	<5	<20	54	<0.01	<10	19	<10	12	25
71	80333	5	<0.2	0.59	<5	260	<5	2.73	<1	7	98	100	1.98	<10	0.67	680	6	0.04	7	490	4	5	<20	43	<0.01	<10	41	<10	16	22
106	80368	5	1.4	0.56	<5	60	<5	1.89	<1	8	39	3021	1.90	10	0.96	610	9	0.03	6	510	6	10	<20	30	<0.01	<10	33	<10	17	23
Repeat:																														
1	79840	5	3.0	0.29	<5	315	<5	4.55	<1	7	53	4064	1.59	<10	0.22	442	166	0.03	4	360	2	<5	<20	65	<0.01	<10	5	<10	13	16
10	79849	5	0.2	0.57	<5	315	<5	2.62	<1	7	88	472	2.16	<10	0.80	407	10	0.04	6	380	2	5	<20	54	<0.01	<10	27	<10	11	14
19	80058	5	<0.2	0.58	<5	70	<5	2.16	<1	8	58	81	2.02	<10	0.70	438	4	0.03	6	400	4	10	<20	55	<0.01	<10	42	<10	16	23
36	80208	5	<0.2	0.70	<5	245	<5	3.84	<1	8	70	342	2.21	<10	0.63	1007	14	0.03	6	440	2	10	<20	52	<0.01	<10	19	<10	13	24
45	80307	5	<0.2	0.90	<5	65	<5	1.39	<1	15	54	95	3.34	<10	0.78	466	10	0.03	12	730	6	5	<20	36	0.10	<10	96	<10	16	29
54	80316	5	<0.2	1.05	<5	90	<5	2.29	<1	21	55	61	4.12	<10	1.26	678	2	0.06	16	750	6	<5	<20	63	0.15	<10	124	<10	17	48
71	80333	5	<0.2	0.64	<5	255	<5	2.63	<1	7	100	110	2.03	10	0.69	664	5	0.04	8	490	4	10	<20	42	<0.01	<10	42	<10	16	21
80	80342	5	<0.2	0.74	<5	140	<5	1.56	<1	8	76	811	2.11	<10	0.74	446	11	0.03	8	530	4	15	<20	30	<0.01	<10	48	<10	14	24
89	80351	5	0.8	0.38	<5	265	<5	4.58	<1	8	33	717	2.08	<10	0.47	711	48	0.03	5	410	2	5	<20	67	<0.01	<10	17	<10	14	23
106	80368	5	1.4	0.58	<5	65	<5	1.74	<1	8	46	2768	1.86	10	0.91	571	10	0.03	6	510	4	10	<20	30	<0.01	<10	33	<10	16	23
Standard:																														
GEO'96		150	1.0	1.76	60	155	<5	1.70	<1	18	62	85	3.84	<10	1.04	671	<1	0.02	25	630	22	10	<20	54	0.10	<10	73	<10	10	65
GEO'96		140	1.2	1.74	60	150	<5	1.69	<1	18	61	79	3.83	<10	1.04	672	<1	0.02	25	630	22	10	<20	54	0.10	<10	73	<10	9	65
GEO'96		150	1.0	1.77	60	155	<5	1.73	<1	18	62	80	3.91	<10	1.05	688	<1	0.02	25	640	22	10	<20	56	0.11	<10	75	<10	8	68
GEO'96		140	1.4	1.81	55	155	<5	1.68	<1	18	60	85	3.82	<10	1.02	675	<1	0.01	24	610	24	5	<20	54	0.11	<10	73	<10	8	66

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1346
XLS/96

29-Nov-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1348

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received: 70
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	80401	5	2.0	0.82	<5	160	<5	2.46	<1	12	73	4247	2.81	<10	0.66	474	9	0.01	7	210	4	5	<20	25	<0.01	<10	26	<10	10	35
2	80402	5	0.2	0.81	10	135	<5	2.33	<1	9	66	630	2.23	<10	0.64	364	10	0.01	5	400	6	5	<20	27	<0.01	<10	24	10	9	21
3	80403	5	5.0	0.48	<5	65	<5	2.29	<1	8	60	7971	2.12	10	0.37	387	65	0.01	4	<10	<2	<5	<20	31	<0.01	<10	20	<10	10	19
4	80404	10	2.2	0.49	<5	75	<5	1.58	<1	8	86	3118	2.15	<10	0.46	362	6	0.01	5	260	2	5	<20	22	<0.01	<10	20	<10	6	24
5	80405	5	0.2	0.66	<5	105	<5	1.27	<1	8	101	825	1.75	10	0.50	310	5	0.02	6	390	4	10	<20	17	<0.01	<10	19	<10	8	27
6	80406	5	1.2	0.85	<5	75	<5	1.59	<1	11	96	1716	2.50	<10	0.66	383	27	0.02	8	330	4	10	<20	20	<0.01	<10	29	<10	5	33
7	80407	5	0.2	0.54	35	45	<5	2.73	<1	7	55	484	1.55	<10	0.50	389	11	0.02	4	470	10	<5	<20	20	<0.01	<10	19	70	18	20
8	80408	5	<0.2	0.54	<5	105	<5	1.84	<1	8	50	174	2.18	10	0.76	373	9	0.03	5	390	4	<5	<20	52	<0.01	<10	32	10	16	18
9	80409	5	0.4	0.61	<5	130	<5	3.27	<1	7	48	520	2.01	<10	1.35	517	39	0.03	4	370	4	10	<20	78	<0.01	<10	22	<10	13	19
10	80410	5	1.2	0.56	<5	75	<5	2.17	<1	7	57	1907	1.49	<10	0.54	436	7	0.02	4	390	<2	10	<20	36	<0.01	<10	21	<10	10	14
11	80411	5	<0.2	0.40	<5	95	<5	2.46	<1	7	62	238	1.83	<10	0.46	588	5	0.03	5	350	<2	5	<20	47	<0.01	<10	24	<10	11	16
12	80412	5	<0.2	0.45	<5	85	<5	3.06	<1	9	75	410	2.39	<10	0.71	798	5	0.02	6	340	<2	5	<20	43	<0.01	<10	24	<10	11	21
13	80413	5	1.0	0.53	<5	65	<5	2.98	<1	7	68	1467	1.76	<10	0.51	734	18	0.01	5	310	2	<5	<20	36	<0.01	<10	14	<10	10	22
14	80414	5	0.8	0.58	<5	100	<5	3.23	<1	10	60	1365	2.54	<10	0.96	895	34	0.02	6	290	2	5	<20	49	<0.01	<10	26	<10	13	25
15	80415	10	<0.2	0.43	<5	115	<5	0.72	<1	8	68	148	1.58	<10	0.33	268	4	0.04	6	400	2	<5	<20	37	<0.01	<10	28	<10	9	10
16	80416	5	<0.2	0.48	<5	115	<5	1.01	<1	8	68	127	1.64	<10	0.33	296	4	0.04	6	400	4	<5	<20	37	<0.01	<10	30	<10	9	11
17	80417	5	<0.2	0.59	<5	75	<5	3.81	<1	8	93	262	2.00	10	0.98	732	5	0.03	6	340	2	10	<20	45	<0.01	<10	25	<10	15	17
18	80418	5	0.6	0.53	10	75	<5	2.69	<1	6	71	1189	1.52	<10	0.60	555	16	0.03	4	270	4	10	<20	41	<0.01	<10	17	<10	11	16
19	80419	5	<0.2	0.40	<5	95	<5	0.79	<1	7	72	287	1.56	<10	0.31	250	3	0.05	5	390	2	<5	<20	38	<0.01	<10	29	<10	8	9
20	80420	5	<0.2	0.49	<5	125	<5	1.38	<1	7	68	206	1.88	<10	0.42	330	4	0.06	5	340	4	<5	<20	52	<0.01	<10	30	<10	14	12

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	80421	5	<0.2	0.42	<5	105	<5	1.88	<1	7	66	226	1.66	<10	0.70	358	4	0.05	5	350	2	10	<20	55	<0.01	<10	25	<10	13	10
22	80422	5	<0.2	0.41	<5	130	<5	1.31	<1	7	28	102	2.31	10	0.53	381	3	0.06	5	350	4	<5	<20	57	<0.01	<10	28	<10	17	14
23	80423	10	<0.2	0.44	<5	125	<5	1.75	<1	8	34	115	2.03	10	0.61	416	3	0.06	6	360	4	<5	<20	60	<0.01	<10	28	<10	16	15
24	80424	10	<0.2	0.37	<5	105	<5	1.41	<1	6	58	71	1.65	10	0.54	345	4	0.05	4	340	4	<5	<20	50	<0.01	<10	26	<10	17	10
25	80425	5	<0.2	0.43	<5	110	<5	0.92	<1	6	71	33	1.92	10	0.43	314	4	0.06	5	380	4	<5	<20	46	<0.01	<10	30	<10	15	12
26	80426	5	<0.2	0.38	<5	105	<5	0.67	<1	6	60	52	1.60	10	0.34	259	3	0.06	4	360	<2	<5	<20	47	<0.01	<10	26	<10	14	11
27	80427	5	<0.2	0.34	<5	90	<5	0.81	<1	5	57	35	1.50	10	0.34	251	3	0.05	4	330	4	<5	<20	41	<0.01	<10	30	<10	14	13
28	80428	5	<0.2	0.32	<5	80	<5	0.90	<1	6	72	68	1.43	10	0.36	213	4	0.05	5	300	2	<5	<20	35	<0.01	<10	26	<10	11	9
29	80429	5	<0.2	0.35	<5	85	<5	1.19	<1	6	62	35	1.27	<10	0.42	234	4	0.05	4	270	4	<5	<20	42	<0.01	<10	17	<10	10	9
30	80430	5	<0.2	0.41	<5	115	<5	1.20	<1	6	60	163	1.76	10	0.47	309	4	0.07	5	360	4	<5	<20	55	<0.01	<10	32	<10	15	13
31	80431	5	<0.2	0.41	<5	115	<5	1.83	<1	5	58	88	1.59	10	0.44	300	3	0.07	5	300	2	<5	<20	57	<0.01	<10	32	<10	15	11
32	80432	5	<0.2	0.56	<5	155	<5	0.86	<1	7	61	49	1.85	10	0.42	247	3	0.08	6	370	8	<5	<20	67	0.01	<10	40	<10	12	14
33	80433	5	<0.2	0.55	<5	135	<5	1.53	<1	7	62	64	1.80	10	0.40	304	4	0.07	5	360	4	5	<20	58	<0.01	<10	38	<10	14	15
34	80434	5	<0.2	0.43	<5	110	<5	2.34	<1	8	44	47	1.86	10	0.79	458	4	0.06	4	330	2	10	<20	63	<0.01	<10	27	<10	13	17
35	80435	5	<0.2	0.44	<5	120	<5	3.28	<1	7	40	284	1.76	10	1.20	455	9	0.06	5	330	2	15	<20	80	<0.01	<10	19	<10	16	16
36	80436	5	<0.2	0.38	<5	85	<5	3.89	<1	4	52	158	1.02	<10	0.37	323	10	0.05	3	320	<2	5	<20	63	<0.01	<10	14	<10	11	10
37	80437	5	<0.2	0.37	<5	70	<5	3.99	<1	6	63	398	1.45	10	0.36	368	12	0.04	5	330	<2	<5	<20	56	<0.01	<10	17	<10	13	28
38	80438	5	<0.2	0.45	<5	110	<5	3.77	<1	7	55	200	1.98	10	0.66	415	10	0.06	6	360	2	<5	<20	77	<0.01	<10	24	<10	17	36
39	80439	5	<0.2	0.41	<5	95	<5	5.00	<1	6	41	316	1.47	10	0.41	445	17	0.06	4	360	2	<5	<20	74	<0.01	<10	17	<10	18	24
40	80440	5	<0.2	0.43	<5	105	<5	4.40	<1	7	46	125	1.91	<10	1.02	478	5	0.06	5	360	<2	15	<20	78	<0.01	<10	20	<10	13	22
41	80441	5	<0.2	0.46	<5	90	<5	4.25	<1	5	51	97	1.32	<10	0.45	347	5	0.06	4	380	<2	5	<20	70	<0.01	<10	17	<10	14	13
42	80442	5	<0.2	0.47	<5	100	<5	3.69	<1	7	45	63	1.86	<10	0.70	385	3	0.06	4	390	2	10	<20	72	<0.01	<10	28	<10	15	16
43	80443	5	<0.2	0.45	<5	85	<5	3.44	<1	5	45	53	1.46	10	0.44	342	3	0.06	4	360	<2	5	<20	64	<0.01	<10	21	<10	14	13
44	80444	5	<0.2	0.48	<5	110	<5	1.65	<1	4	60	39	1.34	<10	0.56	264	3	0.08	4	400	4	10	<20	72	<0.01	<10	26	<10	14	13
45	80445	5	<0.2	0.61	15	120	<5	2.03	<1	5	56	38	1.63	<10	0.48	327	4	0.09	3	400	6	<5	<20	76	<0.01	<10	33	20	10	15
46	80446	5	<0.2	0.47	<5	95	<5	2.20	<1	6	76	156	1.56	<10	0.43	348	4	0.07	4	350	2	<5	<20	64	<0.01	<10	32	<10	15	15
47	80447	5	<0.2	0.57	<5	95	<5	1.24	<1	7	54	61	1.73	<10	0.47	305	3	0.07	4	380	4	<5	<20	53	0.01	<10	36	<10	10	21
48	80448	5	<0.2	0.56	<5	105	<5	2.02	<1	7	50	81	1.86	<10	0.53	354	2	0.07	5	360	2	<5	<20	62	0.01	<10	36	<10	17	19
49	80449	10	<0.2	0.56	<5	105	<5	1.64	<1	5	63	35	1.75	<10	0.48	274	3	0.07	4	380	4	<5	<20	57	<0.01	<10	37	<10	10	13
50	80450	5	<0.2	0.65	<5	225	<5	1.50	<1	7	60	1120	1.95	<10	0.48	302	3	0.07	4	410	4	<5	<20	56	0.02	<10	42	<10	13	17
51	80452	5	0.6	0.70	<5	160	<5	1.15	<1	7	73	1373	2.04	<10	0.50	269	3	0.07	6	410	4	<5	<20	50	0.03	<10	43	<10	12	17
52	80453	5	0.6	0.69	<5	610	<5	1.05	<1	6	67	968	2.10	<10	0.50	253	2	0.08	4	440	6	<5	<20	65	0.04	<10	47	<10	12	15
53	80454	5	<0.2	0.68	<5	250	<5	1.87	<1	7	61	592	2.13	<10	0.48	338	4	0.08	6	460	4	<5	<20	67	0.01	<10	42	<10	15	15
54	80455	5	<0.2	0.85	<5	155	<5	1.55	<1	7	58	362	2.01	10	0.52	253	3	0.08	6	430	6	5	<20	58	<0.01	<10	42	<10	11	13
55	80456	5	<0.2	0.88	<5	245	<5	1.40	<1	7	69	317	2.10	10	0.50	251	4	0.07	6	420	6	5	<20	46	0.01	<10	42	<10	13	13

TARCO OIL & GAS ICP CERTIFICATE OF ANALYSIS AK 96-1348 **ECO-TECH LABORATORIES LTD.**

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	80457	5	<0.2	0.96	<5	150	<5	1.43	<1	8	70	214	2.11	10	0.55	237	4	0.07	6	420	8	<5	<20	44	0.02	<10	41	<10	12	14
57	80458	5	<0.2	0.89	<5	120	<5	1.74	<1	8	69	426	2.17	10	0.55	300	4	0.07	7	420	6	<5	<20	47	0.01	<10	41	<10	13	13
58	80459	5	<0.2	0.83	<5	100	<5	1.62	<1	8	72	380	2.10	10	0.48	246	4	0.06	6	400	6	<5	<20	42	0.01	<10	43	<10	13	13
59	80460	5	<0.2	0.75	<5	180	<5	1.50	<1	8	66	168	2.16	10	0.47	266	3	0.06	6	440	6	<5	<20	43	0.03	<10	49	<10	13	15
60	80461	5	<0.2	0.79	<5	170	<5	1.76	<1	8	89	224	2.11	10	0.54	310	5	0.08	7	460	6	<5	<20	54	0.02	<10	45	<10	16	14
61	80462	5	<0.2	0.73	<5	110	<5	1.47	<1	7	61	92	2.06	10	0.52	253	3	0.07	6	460	6	<5	<20	47	0.02	<10	49	<10	12	14
62	80463	5	<0.2	0.76	<5	100	<5	1.87	<1	8	52	137	1.95	10	0.72	315	4	0.08	6	450	6	10	<20	63	<0.01	<10	43	<10	12	15
63	80464	5	<0.2	0.74	<5	95	<5	1.65	<1	7	58	43	1.99	10	0.60	287	4	0.07	6	450	4	<5	<20	57	<0.01	<10	46	<10	10	14
64	80465	5	<0.2	0.63	<5	200	<5	2.48	<1	7	48	45	1.96	10	0.68	399	3	0.07	6	420	4	<5	<20	66	<0.01	<10	40	<10	15	20
65	80466	5	<0.2	0.60	<5	100	<5	2.25	<1	7	53	57	1.98	10	0.69	398	3	0.08	5	420	4	5	<20	73	<0.01	<10	45	<10	13	23
66	80467	5	<0.2	0.58	<5	425	<5	2.97	<1	6	51	88	1.99	10	0.86	440	3	0.09	6	380	2	10	<20	92	<0.01	<10	40	<10	16	20
67	80468	5	<0.2	0.61	<5	445	<5	3.56	2	6	32	110	2.03	20	1.02	453	3	0.10	5	410	2	10	<20	97	<0.01	<10	38	<10	14	17
68	80469	5	<0.2	0.51	<5	185	<5	2.15	16	5	36	77	1.70	10	0.44	291	3	0.09	5	420	6	5	<20	79	<0.01	<10	39	<10	14	17
69	80470	10	<0.2	0.57	<5	220	<5	2.48	<1	6	32	79	1.84	10	0.81	390	3	0.09	5	410	6	10	<20	93	<0.01	<10	37	<10	14	16
70	80471	5	<0.2	0.60	<5	90	<5	3.85	<1	10	40	184	2.22	20	1.19	641	3	0.07	6	390	6	10	<20	86	<0.01	<10	36	<10	21	24
QC DATA:																														
Resplit:																														
1	80401	5	2.6	0.82	<5	175	<5	2.44	<1	12	85	4396	2.84	<10	0.66	474	11	0.01	7	190	4	<5	<20	23	<0.01	<10	26	<10	9	36
36	80436	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	80401	5	2.4	0.82	<5	155	<5	2.50	<1	12	77	4166	2.84	<10	0.66	477	9	0.01	6	190	2	5	<20	25	<0.01	<10	26	<10	11	35
10	80410	5	1.4	0.56	<5	75	<5	2.14	<1	7	56	1831	1.44	<10	0.53	433	5	0.02	4	400	4	<5	<20	39	<0.01	<10	22	<10	11	14
19	80419	5	<0.2	0.39	<5	85	<5	0.73	<1	7	82	208	1.54	<10	0.30	243	4	0.05	6	380	2	<5	<20	29	<0.01	<10	28	<10	7	9
36	80436	5	<0.2	0.36	<5	90	<5	3.89	<1	4	51	168	1.04	<10	0.36	324	9	0.05	3	350	4	5	<20	65	<0.01	<10	15	10	14	10
45	80445	5	<0.2	0.57	<5	120	<5	1.87	<1	5	52	28	1.67	10	0.48	318	4	0.09	4	360	2	<5	<20	76	<0.01	<10	35	<10	11	16
54	80455	5	<0.2	0.83	<5	155	<5	1.55	<1	7	58	385	2.01	10	0.52	254	3	0.08	6	430	6	10	<20	57	<0.01	<10	42	<10	11	13
Standard:																														
GEO'96		140	1.0	1.61	45	150	5	1.64	<1	18	56	82	3.71	<10	1.01	632	<1	0.02	25	590	24	15	<20	51	0.11	<10	70	<10	12	64
GEO'96		145	1.0	1.66	50	160	10	1.68	<1	19	58	75	3.81	<10	1.05	650	1	0.02	24	620	24	20	<20	53	0.11	<10	72	<10	13	65

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1348
XLS/96

3-Dec-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
KAMLOOPS, B.C.
V2C 6T4

Phone: 604-573-5700
Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-1349

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

ATTENTION: GARY STEWART

No. of samples received: 98
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: GARY STEWART

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	79801	5	<0.2	1.01	<5	65	<5	0.72	<1	10	50	137	2.44	<10	0.62	299	<1	0.02	6	430	8	<5	<20	33	0.07	<10	58	<10	13	30
2	79802	5	<0.2	0.48	<5	50	<5	1.26	<1	8	47	165	2.13	<10	0.31	319	7	0.01	6	210	4	<5	<20	34	<0.01	<10	39	<10	14	17
3	79803	5	<0.2	0.59	5	35	<5	3.30	<1	10	36	97	2.09	<10	0.92	599	5	0.02	6	460	6	5	<20	47	<0.01	<10	34	<10	17	31
4	79804	5	<0.2	0.62	<5	35	<5	2.94	<1	8	47	120	1.98	<10	0.73	496	3	0.02	5	450	4	5	<20	40	<0.01	<10	39	<10	18	27
5	79805	5	<0.2	0.58	10	55	<5	2.71	<1	10	40	270	2.41	<10	0.99	563	10	0.02	6	480	4	10	<20	59	<0.01	<10	46	<10	18	32
6	79806	5	<0.2	0.64	10	45	<5	1.54	<1	10	48	165	2.37	<10	0.66	419	3	0.02	8	540	6	<5	<20	31	<0.01	<10	52	<10	15	30
7	79807	5	<0.2	0.59	<5	45	<5	3.39	<1	6	61	175	1.80	10	0.74	418	4	0.02	6	410	<2	<5	<20	50	<0.01	<10	22	<10	13	21
8	79808	5	<0.2	0.75	<5	50	<5	4.03	<1	8	75	473	1.82	<10	0.67	454	9	0.02	5	470	6	5	<20	54	<0.01	<10	29	<10	17	24
9	79809	5	<0.2	0.57	<5	45	<5	4.01	<1	7	53	262	1.49	10	0.48	418	7	0.02	4	410	4	5	<20	51	<0.01	<10	18	<10	16	19
10	79810	5	<0.2	0.74	<5	50	<5	3.84	<1	8	60	126	1.86	<10	0.63	451	4	0.02	6	440	4	5	<20	54	<0.01	<10	27	<10	16	29
11	79811	10	<0.2	0.66	<5	55	<5	4.19	<1	8	63	134	2.22	10	0.58	501	4	0.02	6	420	4	<5	<20	56	<0.01	<10	25	<10	17	31
12	79812	5	<0.2	0.51	<5	60	<5	4.27	<1	6	52	111	1.92	<10	0.48	491	38	0.02	5	370	<2	<5	<20	56	<0.01	<10	13	<10	16	22
13	79813	5	<0.2	0.69	70	100	<5	2.69	<1	15	46	437	2.51	<10	0.62	557	25	0.04	16	560	4	<5	<20	78	<0.01	<10	22	<10	16	35
14	79814	5	<0.2	0.46	<5	65	<5	3.30	<1	5	59	165	1.54	<10	0.44	374	5	0.03	4	360	4	<5	<20	61	<0.01	<10	19	<10	14	15
15	79815	5	<0.2	0.54	<5	60	<5	3.20	<1	6	84	224	1.66	<10	0.50	417	37	0.03	5	320	4	<5	<20	55	<0.01	<10	20	<10	13	19
16	79816	5	<0.2	0.65	<5	70	<5	2.90	<1	7	87	357	1.90	<10	0.67	400	13	0.03	5	370	2	<5	<20	57	<0.01	<10	26	<10	14	20
17	79817	5	<0.2	0.67	<5	70	<5	3.64	<1	6	76	103	1.73	<10	0.55	421	5	0.04	5	380	6	10	<20	62	<0.01	<10	21	<10	14	21
18	79818	5	<0.2	0.58	<5	75	<5	3.61	<1	5	83	134	1.48	<10	0.57	377	7	0.03	4	350	2	10	<20	64	<0.01	<10	19	<10	14	17
19	79819	5	<0.2	0.58	<5	80	<5	3.12	<1	6	75	147	1.80	<10	0.71	385	9	0.04	4	320	2	10	<20	62	<0.01	<10	22	<10	13	17
20	79820	5	<0.2	0.58	<5	80	<5	2.70	<1	6	69	167	1.78	<10	0.49	352	8	0.04	5	340	4	<5	<20	49	<0.01	<10	23	<10	15	18

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
21	79821	5	<0.2	0.69	<5	75	<5	2.72	<1	7	71	422	1.90	<10	0.70	354	10	0.04	5	370	4	5	<20	54	<0.01	<10	25	<10	13	24
22	79822	5	<0.2	0.69	<5	85	<5	3.21	<1	6	75	363	1.60	<10	0.64	357	9	0.04	5	360	6	10	<20	63	<0.01	<10	17	<10	13	20
23	79823	5	<0.2	0.62	<5	95	<5	3.03	<1	7	71	502	1.90	<10	0.76	379	14	0.04	5	360	4	10	<20	66	<0.01	<10	25	<10	12	16
24	79824	5	<0.2	0.50	<5	110	<5	3.66	<1	5	72	258	1.56	<10	0.63	369	5	0.04	4	300	2	10	<20	79	<0.01	<10	22	<10	14	14
25	79825	5	<0.2	0.50	<5	140	<5	2.23	<1	6	72	79	1.78	<10	0.48	280	4	0.05	4	350	4	<5	<20	69	<0.01	<10	29	<10	11	14
26	79826	5	<0.2	0.49	<5	150	<5	2.55	<1	5	62	166	1.72	<10	0.57	297	11	0.06	4	330	2	10	<20	81	<0.01	<10	27	<10	13	12
27	79827	10	<0.2	0.57	<5	110	<5	1.73	<1	7	83	1724	1.87	<10	0.47	273	161	0.05	5	400	4	<5	<20	45	<0.01	<10	29	<10	7	15
28	79828	5	1.0	0.80	<5	80	<5	3.43	<1	11	80	2260	2.23	<10	0.93	625	13	0.03	5	460	4	15	<20	46	<0.01	<10	29	<10	11	32
29	79829	5	<0.2	0.57	<5	105	<5	1.54	<1	7	74	1158	1.83	<10	0.51	316	5	0.05	6	430	4	<5	<20	42	<0.01	<10	39	<10	9	17
30	79830	10	0.4	0.69	<5	110	<5	2.87	<1	9	57	1584	2.09	<10	0.90	416	7	0.04	6	420	2	15	<20	55	<0.01	<10	33	<10	11	20
31	79831	5	<0.2	0.65	<5	725	<5	2.43	<1	6	78	212	2.13	<10	0.76	398	4	0.06	6	370	4	10	<20	70	0.01	<10	42	<10	11	17
32	79832	10	1.0	0.42	<5	115	<5	3.98	<1	7	60	3836	1.81	<10	0.50	487	13	0.03	5	460	2	10	<20	64	<0.01	<10	15	<10	11	20
33	79833	10	2.4	0.24	<5	60	<5	3.44	<1	4	104	4277	1.15	<10	0.13	455	28	0.01	3	470	<2	<5	<20	30	<0.01	<10	6	<10	10	8
34	79834	5	2.6	0.30	<5	70	<5	2.99	<1	4	82	3980	1.02	<10	0.18	396	11	0.02	3	470	<2	<5	<20	35	<0.01	<10	5	<10	10	8
35	79835	75	3.0	0.55	<5	80	<5	2.99	<1	7	90	7830	1.40	<10	0.47	394	28	0.02	5	460	4	15	<20	41	<0.01	<10	10	<10	8	15
36	79836	5	0.8	0.62	<5	125	<5	2.22	<1	7	69	2488	1.73	<10	0.49	358	17	0.04	5	420	4	<5	<20	49	<0.01	<10	29	<10	8	13
37	79837	5	0.2	0.48	<5	140	<5	3.35	<1	7	71	755	1.62	<10	0.29	405	5	0.04	4	430	2	<5	<20	58	<0.01	<10	20	<10	12	12
38	79838	95	11.6	0.27	10	130	<5	4.88	<1	1	41	>10000	0.38	<10	0.05	445	6	0.03	<1	500	<2	5	<20	62	<0.01	<10	<1	<10	15	2
39	79839	40	9.8	0.31	30	295	<5	5.09	<1	<1	29	8138	0.23	10	0.06	438	10	0.03	1	550	<2	5	<20	80	<0.01	<10	<1	<10	17	7
40	80211	30	2.4	0.65	<5	105	<5	4.06	<1	8	72	2107	1.97	<10	0.71	1330	4	0.01	5	480	4	10	<20	40	<0.01	<10	21	<10	14	23
41	80212	5	<0.2	0.66	<5	75	<5	2.68	<1	9	84	450	2.01	<10	0.50	1345	6	<0.01	5	420	4	<5	<20	28	<0.01	<10	25	<10	11	24
42	80213	5	0.4	0.60	<5	75	<5	3.27	<1	7	74	750	1.72	<10	0.43	1504	5	0.01	4	440	<2	5	<20	30	<0.01	<10	23	<10	13	20
43	80214	5	0.6	0.76	<5	75	<5	2.91	<1	9	72	676	2.09	<10	0.57	1430	4	0.01	5	420	4	15	<20	33	<0.01	<10	27	<10	12	22
44	80215	5	2.2	0.94	15	110	<5	2.52	<1	12	77	2616	2.76	<10	0.80	1191	6	0.02	8	460	4	5	<20	36	<0.01	<10	35	<10	9	44
45	80216	5	<0.2	0.57	35	210	<5	2.82	<1	7	76	442	2.25	<10	0.55	1317	5	0.02	6	430	4	10	<20	41	<0.01	<10	32	<10	13	33
46	80217	5	<0.2	0.61	<5	295	<5	2.12	<1	7	72	184	2.22	<10	0.64	965	5	0.04	6	420	4	<5	<20	47	<0.01	<10	41	<10	13	26
47	80218	5	<0.2	0.76	<5	120	<5	2.06	<1	10	66	416	2.36	<10	0.73	845	6	0.03	6	440	4	<5	<20	40	<0.01	<10	42	<10	12	27
48	80219	5	<0.2	0.74	<5	125	<5	1.95	<1	9	80	447	2.36	<10	0.69	746	12	0.03	7	430	6	5	<20	40	<0.01	<10	43	<10	12	26
49	80220	5	<0.2	0.75	25	330	<5	1.87	<1	18	41	291	3.68	<10	1.10	910	269	0.09	19	660	4	5	<20	99	<0.01	<10	47	<10	17	39
50	80221	5	<0.2	0.69	30	300	<5	1.72	<1	15	72	348	2.68	<10	0.78	628	452	0.06	13	510	6	15	<20	66	<0.01	<10	40	<10	15	25
51	80222	10	<0.2	0.63	<5	270	<5	1.68	<1	7	73	307	2.27	<10	0.65	619	9	0.04	6	410	4	<5	<20	43	<0.01	<10	39	<10	13	24
52	80223	5	<0.2	0.60	<5	185	<5	1.14	<1	8	83	249	2.13	<10	0.59	417	60	0.04	7	400	6	<5	<20	35	0.01	<10	40	<10	12	18
53	80224	5	<0.2	0.72	<5	185	<5	1.83	<1	9	65	376	2.56	<10	0.74	608	49	0.03	7	420	4	<5	<20	39	<0.01	<10	41	<10	15	22
54	80225	5	<0.2	0.69	<5	120	<5	2.06	<1	9	79	484	2.31	<10	0.65	649	64	0.04	6	450	4	<5	<20	45	<0.01	<10	38	<10	12	25
55	80226	5	<0.2	0.7	<5	120	<5	1.60	<1	10	61	317	2.47	<10	0.70	592	30	0.04	6	460	4	5	<20	44	<0.01	<10	36	<10	11	22

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
56	80227	5	<0.2	0.69	<5	155	<5	2.27	<1	10	72	484	2.60	<10	0.85	860	8	0.04	7	470	4	<5	<20	58	<0.01	<10	40	<10	11	26
57	80228	5	0.4	0.49	<5	130	<5	3.36	<1	10	64	1164	2.42	<10	0.89	1361	21	0.02	6	460	2	10	<20	49	<0.01	<10	30	<10	12	25
58	80229	5	0.6	0.63	<5	145	<5	2.36	<1	11	71	908	2.76	<10	0.87	865	20	0.04	7	460	4	<5	<20	48	<0.01	<10	39	<10	12	28
59	80230	5	0.6	0.4[illegible]	<5	110	<5	2.77	<1	9	78	1609	2.16	<10	0.68	888	67	0.03	5	430	2	<5	<20	40	<0.01	<10	29	<10	11	24
60	80231	55	5.8	0.40	<5	70	<5	2.27	<1	7	76	4234	1.82	<10	0.41	939	20	0.01	4	520	<2	<5	<20	23	<0.01	<10	20	<10	9	22
61	80232	25	8.6	0.27	<5	105	<5	2.68	<1	10	64	2533	2.44	<10	0.80	1315	12	0.02	6	440	<2	5	<20	31	<0.01	<10	25	<10	11	29
62	80233	205	>30	0.24	<5	95	<5	4.22	<1	10	70	>10000	3.00	<10	1.04	1833	15	0.01	5	340	<2	15	<20	39	0.02	<10	12	<10	11	25
63	80234	5	4.8	0.41	<5	90	<5	3.04	<1	10	65	5036	2.39	<10	0.49	1318	5	0.02	6	630	<2	5	20	35	<0.01	<10	25	<10	13	30
64	80235	5	0.4	0.79	<5	75	<5	1.88	<1	10	77	609	2.65	<10	0.69	766	5	0.03	8	500	2	<5	<20	28	<0.01	<10	34	<10	11	32
65	80236	5	1.2	0.73	<5	80	<5	1.42	<1	12	71	1404	3.02	<10	0.78	756	8	0.02	8	510	4	<5	20	21	<0.01	<10	37	<10	11	35
66	80237	5	0.6	0.49	<5	90	<5	0.98	<1	9	70	800	2.56	<10	0.67	571	12	0.02	7	440	4	5	<20	19	<0.01	<10	35	<10	6	26
67	80238	5	0.4	0.57	<5	75	<5	0.61	<1	10	62	1049	2.80	<10	0.69	530	119	0.03	8	450	4	<5	<20	18	<0.01	<10	43	<10	10	29
68	80239	5	<0.2	0.47	<5	110	<5	0.59	<1	8	79	405	2.58	<10	0.56	407	15	0.04	6	420	4	<5	<20	29	<0.01	<10	42	<10	10	19
69	80240	5	<0.2	0.56	<5	100	<5	0.47	<1	9	67	464	2.44	<10	0.60	381	8	0.04	6	410	2	<5	<20	22	0.01	<10	42	<10	8	23
70	80241	5	<0.2	0.51	<5	95	<5	0.79	<1	9	83	769	2.46	<10	0.66	418	32	0.03	7	380	2	<5	<20	24	<0.01	<10	39	<10	6	25
71	80242	5	<0.2	0.54	<5	95	<5	0.59	<1	10	77	694	2.52	<10	0.64	418	18	0.04	7	480	4	<5	<20	26	<0.01	<10	46	<10	10	25
72	80243	5	<0.2	0.68	<5	110	<5	1.59	<1	12	82	783	3.01	<10	1.00	716	27	0.04	8	450	4	5	<20	38	<0.01	<10	42	<10	11	35
73	80244	5	1.2	0.40	<5	110	<5	1.68	<1	9	86	1863	2.39	<10	0.80	757	27	0.03	7	490	2	<5	<20	39	<0.01	<10	37	<10	12	27
74	80245	5	0.6	0.51	<5	100	<5	0.80	<1	10	67	1613	2.96	<10	0.70	600	133	0.04	8	460	2	<5	<20	24	<0.01	<10	48	<10	7	31
75	80246	5	0.2	0.49	<5	105	<5	0.85	<1	8	81	620	2.39	<10	0.61	548	16	0.04	7	450	4	<5	<20	31	<0.01	<10	38	<10	10	24
76	80247	5	<0.2	0.42	<5	135	<5	0.69	<1	7	74	194	2.15	<10	0.45	449	8	0.05	7	430	<2	<5	<20	42	<0.01	<10	38	<10	10	19
77	80248	5	<0.2	0.49	<5	135	<5	1.43	<1	7	71	305	1.90	<10	0.64	482	6	0.05	5	440	2	10	<20	54	<0.01	<10	29	<10	8	19
78	80249	5	<0.2	0.60	<5	220	<5	1.77	<1	7	87	264	2.14	<10	0.61	387	7	0.05	6	410	4	<5	<20	46	<0.01	<10	38	<10	10	18
79	80250	5	<0.2	0.70	<5	80	<5	1.29	<1	10	72	683	2.71	10	0.80	454	123	0.04	6	430	2	<5	<20	28	<0.01	<10	40	<10	9	24
80	80251	5	<0.2	0.55	<5	135	<5	1.43	<1	7	62	199	2.05	<10	0.68	294	10	0.06	6	460	<2	<5	<20	53	<0.01	<10	41	<10	11	14
81	80252	5	<0.2	0.67	<5	330	<5	1.73	<1	7	62	277	2.24	<10	0.85	302	9	0.08	5	420	4	5	<20	78	0.02	<10	44	<10	14	14
82	80253	5	<0.2	0.54	<5	460	<5	1.97	<1	6	51	197	2.39	<10	0.98	377	30	0.07	6	430	4	10	<20	81	0.01	<10	44	<10	14	16
83	80254	5	<0.2	0.70	<5	325	<5	1.41	<1	7	58	198	2.15	<10	0.65	278	114	0.06	6	460	4	<5	<20	57	0.02	<10	45	<10	13	15
84	80255	5	<0.2	0.73	<5	245	<5	1.29	<1	8	67	491	2.29	<10	0.69	301	7	0.06	7	450	4	<5	<20	54	0.02	<10	45	<10	13	18
85	80256	5	0.2	0.71	<5	95	<5	0.94	<1	11	76	787	2.70	<10	0.85	421	12	0.04	7	480	2	<5	<20	42	<0.01	<10	44	<10	12	28
86	80257	5	<0.2	0.71	<5	90	<5	0.83	<1	10	73	536	2.64	<10	0.78	392	30	0.04	6	430	4	10	<20	37	<0.01	<10	44	<10	10	26
87	80258	5	0.2	0.74	<5	160	<5	1.02	<1	10	63	418	2.82	<10	0.84	472	15	0.05	5	490	4	<5	<20	53	<0.01	<10	43	<10	10	29
88	80259	5	<0.2	0.89	<5	115	<5	1.70	<1	13	80	87	2.92	<10	0.98	526	32	0.04	7	470	4	<5	<20	40	<0.01	<10	35	<10	8	38
89	80260	5	0.4	0.77	<5	155	<5	1.57	<1	12	52	951	2.96	<10	0.95	430	56	0.05	7	490	4	<5	<20	60	<0.01	<10	38	<10	8	33
90	80261	5	<0.2	0.48	<5	195	<5	1.90	<1	10	63	633	2.68	<10	0.86	372	14	0.05	6	460	2	5	<20	90	<0.01	<10	29	<10	9	30

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
91	80262	5	<0.2	0.42	<5	265	<5	3.35	<1	9	56	335	2.50	<10	1.43	644	25	0.05	7	410	2	15	<20	140	<0.01	<10	23	<10	13	27
92	80263	5	<0.2	0.43	<5	260	<5	3.27	<1	6	54	57	1.90	<10	0.59	378	4	0.06	4	490	<2	<5	<20	102	<0.01	<10	26	<10	12	16
93	80264	5	0.2	0.55	<5	335	<5	3.82	<1	8	20	655	2.21	<10	0.73	525	31	0.05	4	440	4	10	<20	97	<0.01	<10	21	<10	12	23
94	80265	5	0.8	0.53	<5	150	<5	5.18	<1	8	63	1256	2.09	<10	0.56	624	7	0.03	5	470	<2	<5	<20	84	<0.01	<10	24	<10	18	24
95	80266	5	0.6	0.51	<5	125	<5	4.75	<1	8	39	846	2.10	<10	0.55	573	8	0.03	5	460	<2	<5	<20	84	<0.01	<10	22	<10	15	24
96	80267	5	0.4	0.46	<5	190	<5	5.20	<1	7	56	611	1.95	10	0.52	581	7	0.03	4	450	<2	<5	<20	88	<0.01	<10	22	<10	17	21
97	80268	5	0.2	0.47	<5	95	<5	4.86	<1	7	46	348	1.89	10	0.43	594	5	0.04	5	410	4	<5	<20	89	<0.01	<10	28	<10	16	28
98	80269	5	<0.2	0.47	<5	145	<5	3.85	<1	6	73	77	1.58	10	0.32	419	4	0.04	5	430	<2	<5	<20	74	<0.01	<10	29	<10	16	20
QC DATA:																														
Resplit:																														
1	79801	5	<0.2	0.88	<5	65	<5	0.69	<1	9	30	141	2.33	<10	0.58	283	<1	0.01	5	390	8	<5	<20	33	0.06	<10	53	<10	12	29
36	79836	5	0.8	0.68	<5	130	<5	2.26	<1	7	76	2490	1.81	<10	0.51	363	15	0.04	5	430	2	<5	<20	50	<0.01	<10	31	<10	9	17
71	80242	5	<0.2	0.51	<5	90	<5	0.59	<1	9	67	665	2.44	<10	0.60	405	15	0.04	6	450	2	<5	<20	25	<0.01	<10	45	<10	9	24
Repeat:																														
1	79801	5	<0.2	1.06	<5	70	<5	0.75	<1	10	51	138	2.55	<10	0.64	307	<1	0.02	7	440	8	<5	<20	33	0.08	<10	62	<10	13	32
10	79810	5	<0.2	0.81	<5	50	<5	3.90	<1	9	63	128	1.91	<10	0.63	460	4	0.02	6	460	4	10	<20	52	<0.01	<10	28	<10	15	31
19	79819	5	<0.2	0.56	<5	80	<5	3.07	<1	6	74	142	1.77	<10	0.69	379	12	0.04	4	320	4	10	<20	63	<0.01	<10	22	<10	13	17
36	79836	5	1.0	0.63	<5	120	<5	2.23	<1	7	70	2508	1.76	<10	0.49	364	14	0.04	6	430	2	5	<20	48	<0.01	<10	30	<10	8	14
45	80216	5	<0.2	0.56	35	205	<5	2.79	<1	7	75	439	2.24	<10	0.54	1308	6	0.02	6	430	2	5	<20	40	<0.01	<10	32	<10	12	32
54	80225	5	<0.2	0.67	<5	115	<5	2.07	<1	9	81	488	2.32	<10	0.65	652	62	0.04	6	450	6	<5	<20	44	<0.01	<10	38	<10	12	25
71	80242	5	<0.2	0.51	<5	85	<5	0.56	<1	9	72	688	2.37	<10	0.59	398	21	0.04	7	440	4	<5	20	24	<0.01	<10	43	<10	9	23
80	80251	5	<0.2	0.55	<5	135	<5	1.41	<1	7	62	194	2.05	<10	0.67	293	11	0.06	4	440	4	<5	<20	54	<0.01	<10	41	<10	11	14
89	80260	5	0.4	0.74	<5	150	<5	1.53	<1	11	51	949	2.89	<10	0.91	419	57	0.05	7	480	4	<5	<20	58	<0.01	<10	37	<10	8	32
Standard:																														
GEO'96		140	0.8	1.69	60	150	<5	1.67	<1	18	58	85	3.84	<10	1.03	653	<1	0.02	25	610	22	<5	<20	54	0.11	<10	74	<10	7	67
GEO'96		145	0.8	1.63	60	145	<5	1.61	<1	17	56	90	3.70	<10	1.01	632	<1	0.02	23	590	20	<5	<20	52	0.11	<10	71	<10	6	65
GEO'96		140	0.8	1.68	60	150	<5	1.65	<1	18	57	80	3.80	<10	1.02	649	<1	0.02	24	600	18	<5	<20	56	0.12	<10	73	<10	6	68

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CERTIFICATE OF ASSAY AK 96-511

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Jun-96

ATTENTION: HENRY PEDERSON

No. of samples received: 4
Sample type: Rock
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by: Henry Pederson

					Non-Sulphide
T #.	**Tag #**	**Au (g/t)**	**Au (oz/t)**	**Cu (%)**	**Cu (%)**
1	44231	<.03	<.001	0.11	0.01
2	44232	<.03	<.001	0.22	0.01
3	44233	0.03	0.001	0.48	0.01
4	44234	0.03	0.001	0.33	0.01
QC/DATA:					
Resplit:					
R/S 1	44231	<.03	<.001	0.11	<.01
Repeat:					
1	44231	0.03	0.001	0.11	0.01
Standard:					
STD-M		3.22	0.094	1.42	-
Mp-IA					

ECO-TECH LABORATORIES LTD.
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CERTIFICATE OF ASSAY AK 96-561

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

9-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

#.	Tag #	Cu (%)
1	44235	0.17
2	44236	6.48
3	44237	0.50
4	44238	0.03
5	44239	0.28
6	44240	0.02
7	44241	0.05
8	44242	0.08
9	44243	0.15
10	44244	0.07
11	44245	0.11

QC DATA:

Resplit:

R/S 1	44235	0.18

Repeat:

1	44235	0.17

Standard:

MPla	1.42

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CERTIFICATE OF ASSAY AK 96-561a

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

24-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE-RESPLIT SAMPLES
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

	Tag #	Cu (%)
7	44241	0.05
8	44242	0.08
10	44244	0.08

Standard:
MPIa 1.44

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CERTIFICATE OF ASSAY AK 96-510

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

28-Jun-96

ATTENTION: HENRY PEDERSON

No. of samples received: 6
Sample type: Rock
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by:

					Non-Sulphide
T #.	**Tag #**	**Au (g/t)**	**Au (oz/t)**	**Cu (%)**	**Cu (%)**
1	44225	<.03	<.001	0.86	0.02
2	44226	0.76	0.022	0.45	0.01
3	44227	<.03	<.001	1.00	0.03
4	44228	0.03	0.001	1.39	0.02
5	44229	<.03	<.001	0.26	0.01
6	44230	<.03	<.001	0.19	0.01
QC/DATA:					
Resplit:					
R/S 3	44227	<.03	<.001	1.01	0.03
Repeat:					
1	44225	<.03	<.001		0.02
Standard:					
STD-M		3.23	0.094		
Mp-IA				1.42	

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CERTIFICATE OF ASSAY AK 96-585a

TARCO OIL & GAS LTD.
500-717 Seventh Ave. S.W.
CALGARY, AB
V2P 0Z3

24-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

ET #.	Tag #	Cu (%)
DATA:		
Resplit:		
11	44256	0.03
12	44257	0.02
Standard:		
MP1a		1.44

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Fax (604) 573-4557

CERTIFICATE OF ASSAY AK 96-585

TARCO OIL & GAS LTD.
500-717 Seventh Ave. S.W.
CALGARY, AB
V2P 0Z3

12-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

ET #.	Tag #	Cu (%)
	44246	0.52
	44247	0.76
3	44248	0.06
4	44249	0.06
5	44250	0.32
6	44251	0.12
7	44252	1.48
8	44253	0.07
9	44254	0.02
10	44255	0.01
11	44256	0.01
12	44257	0.01
13	44258	0.19
14	44259	0.25

QC DATA:

Resplit:

R/S 1	44246	0.52

Repeat:

1	44246	0.52

Standard:

MP1a		1.45

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CERTIFICATE OF ASSAY AK 96-608

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

16-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 17
Sample type: core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: not indicated

#.	Tag #	Cu (%)
1	44260	1.14
2	44261	6.20
3	44262	0.25
4	44263	0.43
5	44264	1.38
6	44265	0.56
7	44266	1.20
8	44267	1.23
9	44268	0.34
10	44269	0.42
11	44270	0.37
12	44271	1.08
13	44272	0.88
14	44273	0.84
15	44274	0.58
16	44275	0.21
17	44276	0.06

T[illegible]CO OIL & GAS LTD. AK 96-608

16-Jul-96

ET #.	Tag #	Cu (%)
QC DATA:		
Resplit:		
R/S 1	44260	1.13
Repeat:		
1	44260	1.09
10	44269	0.42
Standard:		
MPI-a		1.45

per

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XLS/96TARCO#1

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CERTIFICATE OF ASSAY AK 96-621

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

16-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 13
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	44277	0.01
2	44278	0.19
3	44279	0.76
4	44280	0.11
5	44281	0.19
6	44282	0.61
7	44283	0.04
8	44284	0.18
9	44285	14.10
10	44286	0.72
11	44287	0.42
12	44288	0.50
13	44289	0.14

Hole Not

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T CO OIL & GAS LTD. AK 96-621 16-Jul-96

ET #.	Tag #	Cu (%)
QC DATA:		
Resplit:		
R/S 1	44277	0.02
Repeat:		
1	44277	0.02
Standard:		
MP1-a		1.44

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CERTIFICATE OF ASSAY AK 96-632

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

18-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 15
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Cu (%)
	44290	0.08
2	44291	0.09
3	44292	0.07
4	44293	0.04
5	44294	0.08
6	44295	0.07
7	44296	0.03
8	44297	0.03
9	44298	0.06
10	44299	0.05
11	44300	0.06
12	44301	0.06
13	44302	0.08
14	44303	0.06
15	44304	0.08

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ET #.	Tag #	Cu (%)
QC DATA:		
Resplit:		
1	44290	0.10
Repeat:		
1	44290	0.09
Standard:		
MPI-a		1.42

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CERTIFICATE OF ASSAY AK 96-638

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

18-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Not Indicated

#.	Tag #	Cu (%)
1	44305	0.06
2	44306	0.06
3	44307	0.08
4	44308	0.03
5	44309	0.12
6	44310	0.11
7	44311	0.09
8	44312	0.49
9	44313	0.30
10	44314	1.46
11	44315	0.37

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RCO OIL & GAS LTD. AK 96-638 18-Jul-96

ET #.	Tag #	Cu (%)
QC DATA:		
Resplit:		
R/S 1	44305	0.06
Repeat:		
1	44305	0.06
Standard:		
MPI-a		1.42

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CERTIFICATE OF ASSAY AK 96-646

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

18-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 42
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Cu (%)
1	44316	0.22
2	44317	0.32
3	44318	0.24
4	44319	0.13
5	44320	0.06
6	44321	0.04
7	44322	0.07
8	44323	0.05
9	44324	0.11
10	44325	0.10
11	44326	0.03
12	44327	0.03
13	44328	0.03
14	44329	0.02
15	44330	0.02
16	44331	0.09
17	44332	0.05
18	44333	0.39
19	44334	0.02
20	44335	0.05
21	44336	0.17
22	44337	0.11
23	44338	0.04
24	44339	0.04
25	44340	0.11

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T CO OIL & GAS LTD. AK 96-646

18-Jul-96

ET #.	Tag #	Cu (%)
26	44341	0.22
27	44342	0.09
28	44343	0.02
29	44344	0.04
30	44345	0.02
31	44346	0.21
32	44347	0.03
33	44348	0.97
34	44349	0.04
35	44350	0.03
36	44351	0.03
37	44352	0.10
38	44353	0.05
39	44354	0.37
40	44355	0.14
41	44356	0.07
42	44357	0.07
QC DATA:		
Resolit:		
I	44316	0.24
R/S 36	44351	0.03
Repeat:		
1	44316	0.22
10	44325	0.1
19	44334	0.03
36	44351	0.03
Standard:		
MPI-a		1.44
MPI-a		1.44

per **ECO-TECH LABORATORIES LTD.**
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CERTIFICATE OF ASSAY AK 96-661

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

24-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received:14
PROJECT #:NONE GIVEN
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:NOT INDICATED

	¥.	Tag #	Cu (%)
	1	44358	0.14
	2	44359	0.12
	3	44360	0.11
	4	44361	0.10
	5	44362	0.11
	6	44363	0.14
	7	44364	0.08
	8	44365	0.05
	9	44366	0.13
	10	44367	0.12
	11	44368	0.10
	12	44369	0.11
	13	44370	0.27
	14	44371	0.65
QC DATA:			
Resplit:			
	1	44358	0.12
Repeat:			
	1	44358	0.13
Standard:			
	MPI-a		1.42

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CERTIFICATE OF ASSAY AK 96-669

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

24-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

#.	Tag #	Cu (%)
1	44372	0.47
2	44373	0.39
3	44374	0.51
4	44375	1.33
5	44376	0.39
6	44377	0.08
7	44378	0.25
8	44379	0.02
9	44380	0.02
10	44381	0.37
11	44382	0.57

QC DATA:

Resplit:

R/S 1	44372	0.45

Standard:

MPla	1.44

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CERTIFICATE OF ASSAY AK 96-679

TARCO OIL & GAS LTD.
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CALGARY, ALBERTA
T2P 0Z3

24-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 9
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

#.	Tag #	Cu (%)
1	44383	0.41
2	44384	0.30
3	44385	0.50
4	44386	0.47
5	44387	0.14
6	44388	0.09
7	44389	0.06
8	44390	0.03
9	44391	0.03

QC DATA:

Resplit:

R/S 1	44383	0.53

Standard:

MPla	1.42

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CERTIFICATE OF ASSAY AK 96-693

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

25-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	44392	0.01
2	44393	0.02
3	44394	0.02
4	44395	0.02
5	44396	0.01
6	44397	0.03
7	44398	0.04
8	44399	0.06
9	44400	0.08
10	57561	0.02

QC DATA:

Resplit:

1	44392	0.01

Repeat:

1	44392	0.01

Standard:

MPIa	1.42

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CERTIFICATE OF ASSAY AK 96-720

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

29-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	57673	0.06
2	57674	0.13
3	57675	0.03
4	57676	0.09
5	57677	0.02
6	57678	0.05
7	57712	0.12
8	57713	0.06
9	57714	0.20
10	57715	1.43

QC DATA:

Resplit:

1	57673	0.06

Standard:

MPla	1.46

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CERTIFICATE OF ASSAY AK 96-706

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

29-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 32
Sample type: 1/2 CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	57652	0.04
2	57653	0.05
3	57654	0.12
4	57655	0.07
5	57656	0.94
6	57657	0.02
7	57658	0.03
8	57659	0.04
9	57660	0.19
10	57661	0.09
11	57662	0.45
12	57663	0.05
13	57664	0.17
14	57665	0.07
15	57666	0.06
16	57667	0.09
17	57668	0.06
18	57669	0.06
19	57670	0.07
20	57671	0.19
21	57672	0.47
22	57701	0.05
23	57702	0.09
	57703	0.05

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CERTIFICATE OF ASSAY AK 96-732

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

29-Jul-96

ATTENTION: BILL TAYLOR

No. of samples received: 9
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	57679	0.03
2	57680	0.02
3	57681	0.03
4	57682	0.03
5	57683	0.28
6	57684	0.23
7	57685	0.04
8	57716	0.08
9	57717	0.02

QC DATA:

Resplit:

1	57679	0.03

Repeat:

1	57679	0.03

Standard:

MPla	1.44

ECO-TECH LABORATORIES LTD.
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B.C. Certified Assayer

XLS/96Tarco

ET #.	Tag #	Cu (%)
25	57704	0.09
26	57705	1.09
27	57706	1.62
28	57707	0.54
29	57708	0.03
30	57709	0.03
31	57710	0.05
32	57711	0.03

QC DATA:

Resplit:

1	57652	0.03

Repeat:

1	57652	0.03

Standard:

MPla	1.42

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CERTIFICATE OF ASSAY AK 96-746

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

1-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: core
PROJECT: # none given
SHIPMENT: # none given
Samples submitted by: not indicated

	Tag #	Cu (%)
.	57686	0.02
2	57687	0.04
3	57688	0.01
4	57689	0.08
5	57690	0.03
6	57691	0.04
7	57722	0.02

QC/DATA:

Resplit:

1	57686	0.01

Repeat:

1	57686	0.01

Standard:

Mp-IA	1.44

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CERTIFICATE OF ASSAY AK 96-585b

TARCO OIL & GAS LTD.
500-717 Seventh Ave. S.W.
CALGARY, AB
V2P 0Z3

2-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

ET #.	Tag #	Cu (%)
C ATA:		
Resplit:		
8	44253	0.05
10	44255	0.01
Standard:		
MP1a		1.46

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CERTIFICATE OF ASSAY AK 96-754

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

2-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

	Tag #	Cu (%)
1	57718	0.19
2	57719	0.27
3	57720	0.15
4	57721	0.30
5	57723	0.17
6	57724	0.19
7	57725	0.43
8	57726	0.09
9	57727	0.49
10	57728	0.03
11	57729	0.03

QC DATA:

Resplit:

1	57718	0.16

Repeat:

1	57718	0.19

Standard:

MPIa	1.46

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CERTIFICATE OF ASSAY AK 96-808

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

6-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 5
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT IDICATED

T #.	Tag #	Cu (%)
1	63779	0.05
2	63780	0.09
3	63781	0.16
4	63782	0.30
5	63783	0.29

QC/DATA:

Resplit:

1	63779	0.06

Repeat:

1	63779	0.05

Standard:

Mp-IA	1.44

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CERTIFICATE OF ASSAY AK 96-798

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

6-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

T #.	Tag #	Cu (%)
1	63768	0.04
2	63769	0.12
3	63770	0.17
4	63771	0.17
5	63772	0.19
6	63773	0.31
7	63774	0.15
8	63775	0.96
9	63776	0.84
10	63777	0.17
11	63778	0.23
QC/DATA:		
Resplit:		
R/S 1	63768	0.05
Repeat:		
1	63768	0.04
Standard:		
Mp-IA		1.46

ECO-TECH LABORATORIES LTD.
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CERTIFICATE OF ASSAY AK 96-788

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

6-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT IDICATED

T #.	Tag #	Cu (%)
1	63761	0.04
2	63762	0.05
3	63763	0.10
4	63764	0.04
5	63765	0.03
6	63766	0.10
7	63767	0.04

QC/DATA:

Resplit:

1	63761	0.04

Repeat:

1	63761	0.04

Standard:

Mp-IA	1.46

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CERTIFICATE OF ASSAY AK 96-777

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

6-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by: None Given

T #.	Tag #	Cu (%)
1	57700	0.51
2	63751	0.02
3	63752	0.56
4	63753	0.28
5	63754	0.13
6	63755	0.07
7	63756	0.04
8	63757	0.10
9	63758	0.08
10	63759	0.09
11	63760	0.02

QC/DATA:

Resplit:

R/S 1	57700	0.48

Repeat:

1	57700	0.53

Standard:

CPb-1	0.25

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CERTIFICATE OF ASSAY AK 96-765

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

6-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 29
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

#.	Tag #	Cu (%)
1	57692	0.02
2	57693	0.01
3	57694	0.06
4	57695	1.79
5	57696	1.06
6	57697	0.06
7	57698	0.20
8	57699	0.05
9	57730	0.04
10	57731	0.03
11	57732	0.01
12	57733	0.03
13	57734	0.10
14	57735	0.50
15	57736	0.08
16	57737	0.10
17	57738	0.26
18	57739	0.06
19	57740	0.49
20	57741	0.04
21	57742	0.55

per Frank J. Pezzotti, A. Sc. T. B.C. Certified Assayer

TARCO OIL & GAS LTD. AK 96-765 6-Aug-96

ET #.	Tag #	Cu (%)
22	57743	0.04
23	57744	0.03
24	57745	0.02
25	57746	0.02
26	57747	0.03
27	57748	0.02
28	57749	0.02
29	57750	0.08

QC DATA:

Resplit:

R/S 1	57692	0.02

Repeat:

1	57692	0.02

Standard:

MPla	1.46

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CERTIFICATE OF ASSAY AK 96-827

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

9-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 13
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

F	Tag #	Cu (%)
	63784	0.28
2	63785	0.42
3	63786	0.10
4	63787	0.49
5	63788	0.36
6	63789	0.71
7	63790	0.28
8	63791	1.10
9	63792	0.82
10	63793	0.75
11	63794	1.26
12	63795	0.06
13	63796	0.02

QC DATA:

Resplit:

1	63784	0.29

Repeat:

1	63784	0.28

Standard:

MPla	1.44

per

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CERTIFICATE OF ASSAY AK 96-669a

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Aug-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

	Tag #	Cu (%)
	44380	0.01

QC DATA:
Repeat:

9	44380	0.01

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CERTIFICATE OF ASSAY AK 96-475

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

20-Jun-96

ATTENTION: HENRY PEDERSON

No. of samples received: 11
Sample type: Rock
PROJECT: # None given
SHIPMENT: # None given
Samples submitted by: Not given

ET #.	Tag #		Cu (%)	Non-Sulphide Cu (%)
1	44201		0.01	<.01
2	44202		0.23	0.02
3	44203	HOLE 1	1.65	0.04
4	44204		0.14	0.01
5	44205		0.03	0.01
6	44206		0.03	<.01
7	44207		0.04	0.01
8	44208	HOLE 2	0.02	<.01
9	44209		0.08	0.01
10	44210		0.03	0.01
11	44211		0.06	0.01

QC/DATA:

Resplit:

R/S 2	44202	0.23	0.02

Repeat:

1	44201	0.02	<.01

Standard:

HVC'C'	0.54	-
Mp-IA	1.42	-

per

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CERTIFICATE OF ASSAY AK 96-486

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

21-Jun-96

ATTENTION: HENRY PEDERSON

No. of samples received: 6
Sample type: Core
PROJECT: # None given
SHIPMENT: # None given
Samples submitted by: Tarco Oil & Gas

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)	Non-Sulphide Cu (%)
1	44212		<.03	<.001	0.02	<.01
2	44213		<.03	<.001	0.02	<.01
3	44214	Hole #2	<.03	<.001	0.03	<.01
4	44215		<.03	<.001	0.03	<.01
5	44216		<.03	<.001	0.04	<.01
6	44217		<.03	<.001	0.02	<.01
QC/DATA:						
Resplit:						
R/S 1	44212		<.03	<.001	0.02	<.01
Repeat:						
1	44212		<.03	<.001	0.02	<.01
Standard:						
STD-M			3.33	0.097	-	-
Mp-IA			-	-	1.42	-

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CERTIFICATE OF ASSAY AK 96-487

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

21-Jun-96

ATTENTION: HENRY PEDERSON

No. of samples received: 7
Sample type: Core/Sand
PROJECT: # None given
SHIPMENT: # None given
Samples submitted by: Tarco Oil & Gas

ET #.	Tag #		Au (g/t)	Au (oz/t)	Cu (%)	Non-Sulphide Cu (%)
1	44218		<.03	<.001	0.32	0.04
2	44219		0.76	0.022	17.60	0.14
3	44220		0.06	0.002	3.18	0.07
4	44221	Hole # 3	<.03	<.001	1.62	0.05
5	44222		<.03	<.001	0.62	0.04
6	44223		0.08	0.002	11.60	0.07
7	44224	(sand)	<.03	<.001	0.04	<.01

QC/DATA:

Resplit:

R/S 1	<.03	<.001	0.32	0.04

Repeat:

1	<.03	<.001	0.32	-

Standard:

Mp-IA	-	-	1.42	-

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CERTIFICATE OF ASSAY AK 96-510

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 6
Sample type: ROCK
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
2	HOLE 3 44226	0.29	0.008

QC/DATA:

Repeat:

2	HOLE 3 44226	0.22	0.006

Standard:

STD-M	1.79	0.052

per

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CERTIFICATE OF ANALYSIS AK 96-510

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

31-Oct-96

ATTENTION: BILL TAYLOR

No. of samples received: 6
Sample type: ROCK
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (ppb)
1	HOLE 3 44225	5
2	HOLE 3 44226	230
3	HOLE 4 44227	5
4	HOLE 4 44228	40
5	HOLE 4 44229	5
6	HOLE 4 44230	5

QC/DATA:

Repeat:

1	HOLE 3 44225	5

Standard:

GEO96	150

per

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CERTIFICATE OF ASSAY AK 96-475

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 1
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #		Au (g/t)	Au (oz/t)
3	Hole 1	44203	0.19	0.006

QC/DATA:

Repeat:

3	Hole 1	44203	0.17	0.005

Standard:

STD-M			1.79	0.052

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CERTIFICATE OF ASSAY AK 96-487

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
2	HOLE 3 44219	2.49	0.073	89.7	2.62
3	HOLE 3 44220	0.18	0.005	16.2	0.47
4	HOLE 3 44221	0.09	0.003		
6	HOLE 3 44223	0.23	0.007	42.4	1.24
QC/DATA:					
Repeat:					
2	HOLE 3 44219	0.63	0.018		
Standard:					
STD-M		1.79	0.052	70.0	2.04
KCl-a				1659.0	48.38

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CERTIFICATE OF ASSAY AK 96-754

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Mo (%)
3	HOLE 4 57720	0.014

QC/DATA:
Standard:
PR-I 0.59

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CERTIFICATE OF ASSAY AK 96-720

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Mo (%)
10	HOLE 4 57715	0.07	0.002	11.3	0.33	0.025

QC/DATA:

Repeat:					
10	HOLE 4 57715	0.04	0.001		
Standard:					
STD-M		1.79	0.052	70.0	2.04	
PR-I						0.59

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CERTIFICATE OF ASSAY AK 96-561

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE-RESPLIT SAMPLES
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
2	HOLE 5 44236	0.15	0.004	44.3	1.29

QC/DATA:

Repeat:					
2	HOLE 5 44236	0.13	0.004		
Standard:					
STD-M		1.79	0.052		
KCl-a				1659.0	48.38

per

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CERTIFICATE OF ASSAY AK 96-585

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

ET #.	Tag #	Mo (%)
2	HOLE 5 44247	0.017

QC/DATA:
Standard:
PR-I 0.59

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CERTIFICATE OF ASSAY AK 96-608

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 17
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
1	HOLE 5 44260*	0.23	0.007		
2	HOLE 5 44261	0.63	0.018	44.3	1.29
11	HOLE 5 44270	0.04	0.001		
13	HOLE 5 44272	0.06	0.002		
	QC/DATA:				
	Repeat:				
1	HOLE 5 44260*	1.67	0.049		
	Standard:				
	STD-M	1.79	0.052		
	KCl-a			1659.0	48.38

note:*=metallic gold suspected/screen assay recommended

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CERTIFICATE OF ASSAY AK 96-621

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 12
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Mo (%)
3	HOLE 6 44279					0.016
9	HOLE 6 44285	0.16	0.005	149.8	4.369	
12	HOLE 6 44288	0.16	0.005			

QC/DATA:

Repeat:

9	HOLE 6 44285	0.21	0.006			

Standard:

STD-M		1.79	0.052			
PR-I						0.59
KCl-a				1659.0	48.38	

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CERTIFICATE OF ASSAY AK 96-638

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Not Indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Mo (%)
8	HOLE 6 44310					0.014
10	HOLE 6 44314	0.08	0.002	14.2	0.41	0.015

QC/DATA:

Standard:

STD-M	1.79	0.052	70.0	2.04	
PR-I					0.59

per

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CERTIFICATE OF ASSAY AK 96-661

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 14
PROJECT #:NONE GIVEN
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:NOT INDICATED

ET #.	Tag #	Mo (%)
14	HOLE 7 44371	0.055

QC/DATA:
Standard:

PR-I	0.59

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CERTIFICATE OF ASSAY AK 96-669

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED
Samples submitted by: Not Indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)
2	HOLE 7 44373			12.2	0.36
3	HOLE 7 44374	0.09	0.003	13.3	0.39
4	HOLE 7 44375	0.14	0.004	29.1	0.85
5	HOLE 7 44376	0.07	0.002		
11	HOLE 7 44382	0.09	0.003		
QC/DATA:					
Repeat:					
3	HOLE 7 44374	0.07	0.002		
Standard:					
STD-M		1.79	0.052	70.0	2.04
KCl-a				1659.0	48.38

ECO-TECH LABORATORIES LTD.
Per: Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/96TARCO#3

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CERTIFICATE OF ASSAY AK 96-679

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 9
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

ET #.	Tag #	Au (g/t)	Au (oz/t)
3	HOLE 7 44385	0.11	0.003

QC/DATA:

Repeat:

3	HOLE 7 44374	0.09	0.003

Standard:

STD-M	1.79	0.052

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CERTIFICATE OF ASSAY AK 96-706

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 32
Sample type: 1/2 CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (g/t)	Ag (oz/t)
27	HOLE # 57706	11.4	0.33

QC/DATA:
Standard:

STD-M	70.0	2.04

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CERTIFICATE OF ASSAY AK 96-827

TARCO OIL & GAS LTD
500-717 SEVENTH AVE S.W.
CALGARY, AB
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Mo (%)
4	HOLE 9 63787	0.06	0.002			
8	HOLE 9 63791	0.04	0.001			
10	HOLE 9 63793	0.09	0.003			
11	HOLE 9 63794			12.5	0.37	0.018
QC/DATA:						
Repeat:						
4	HOLE 9 63787	0.04	0.001			
Standard:						
STD-M		1.79	0.052	70.0	2.04	
PR-I						0.59

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CERTIFICATE OF ASSAY AK 96-798

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

15-Nov-96

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
11	HOLE 9 63778	0.53	0.015

QC/DATA:

Repeat:

11	HOLE 9 63778	0.20	0.006

Standard:

STD-M	1.79	0.052

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CERTIFICATE OF ASSAY AK 96-777A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	57700	0.01	<.001
3	63752	0.05	0.001
4	63753	0.03	0.001
5	63754	<.01	<.001

QC/DATA:

Repeat:

1	57700	0.01	<.001

Standard:

STD-M		1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-777G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (ppm)	Mo (ppm)
1	57700	3.7	10
3	63752	3.0	39
4	63753	1.3	660
5	63754	1.0	50

QC DATA:

Resplit:

R/S 1	57700	3.1	17

Repeat:

1	57700	3.6	9

Standard:

GEO'97		1.3	4

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CERTIFICATE OF ASSAY AK 96-798A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 9
No. of samples received: 11
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
5	63772	0.02	0.001
6	63773	0.01	<.001
7	63774	0.01	<.001
8	63775	0.02	0.001
9	63776	0.03	0.001
10	63777	<.01	<.001

QC/DATA:

Repeat:

5	63772	0.01	<.001

Standard:

STD-M	1.18	0.034

per

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CERTIFICATE OF ANALYSIS AK 96-798G2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

22-Jan-97

ATTENTION: BILL TAYLOR
HOLE # 9
No. of samples received: 11
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (ppm)	Mo (ppm)
5	63772	1.0	2
6	63773	1.7	6
7	63774	0.3	10
8	63775	4.8	7
9	63776	5.5	8
10	63777	0.8	14
11	63778	0.4	12

QC DATA:
Standard:

GEO'97		1.3	2

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CERTIFICATE OF ASSAY AK 96-808A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 9
No. of samples received: 5
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	63779	0.01	<.001
2	63780	0.01	<.001
3	63781	0.01	<.001
4	63782	0.02	0.001
5	63783	<.01	<.001
QC/DATA:			
Repeat:			
1	63779	<.01	<.001
Standard:			
STD-M		1.18	0.034

per

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CERTIFICATE OF ANALYSIS AK 96-808G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 9
No. of samples received: 5
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
1	63779	<0.1	8
2	63780	<0.1	8
3	63781	0.6	19
4	63782	1.0	12
5	63783	1.1	23

QC DATA:

Resplit:

R/S 1	63779	<0.1	8

Repeat:

1	63779	<0.1	9

Standard:

GEO'97		1.3	2

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CERTIFICATE OF ASSAY AK 96-827A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 9
No. of samples received: 11
Sample type: CORE
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	63784	<.01	<.001
2	63785	<.01	<.001
3	63786	<.01	<.001
5	63788	<.01	<.001
6	63789	<.01	<.001
7	63790	<.01	<.001
9	63792	0.02	0.001
11	63794	0.03	0.001
12	63795	0.01	<.001

QC/DATA:

Resplit:

R/S 1	63784	0.01	<.001

Repeat:

1	63784	0.01	<.001

Standard:

STD-M		1.18	0.034

per

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CERTIFICATE OF ANALYSIS AK 96-827G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 9
No. of samples received: 11
Sample type: CORE
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

#.	Tag #	Ag (ppm)	Mo (ppm)
.	63784	1.0	11
2	63785	2.0	9
3	63786	0.3	99
4	63787	3.4	38
5	63788	2.1	7
6	63789	3.6	66
7	63790	1.8	27
8	63791	6.9	118
9	63792	7.5	27
10	63793	7.1	94
12	63795	<0.1	94
QC DATA:			
Resplit:			
R/S 1	63784	1.6	16
Repeat:			
1	63784	1.3	13
Standard:			
GEO'97		1.3	2

per

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CERTIFICATE OF ASSAY AK 96-487A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

T #.	Tag #	Au (g/t)	Au (oz/t)
1	44218	<.01	<.001
5	44222	0.01	<.001

QC/DATA:
Standard:

STD-M	1.32	0.038

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CERTIFICATE OF ANALYSIS AK 96-487G2

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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
1	44218	1.5	53
2	44219	-	24
3	44220	-	47
4	44221	7.2	19
5	44222	2.2	17
6	44223	-	17

QC DATA:

Repeat:

1	44218	1.5	58

Standard:

GEO'97	1.3	1

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CERTIFICATE OF ASSAY AK 96-510A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 3 (1&2) HOLE # 4 (3-6)
No. of samples received: 6
Sample type: ROCK
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	44225	0.03	0.001
2	44226	0.12	0.003
3	44227	0.02	0.001
4	44228	0.05	0.001
5	44229	<.01	<.001
6	44230	0.01	<.001

QC/DATA:

Repeat:

1	44225	0.02	0.001

Standard:

STD-M		1.32	0.038

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CERTIFICATE OF ANALYSIS AK 96-510G2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 3 (1&2) HOLE # 4 (3-6)
No. of samples received: 6
Sample type: ROCK
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (ppm)	Mo (ppm)
1	44225	7.8	799
2	44226	2.2	200
3	44227	6.2	7
4	44228	8.2	42
5	44229	1.8	10
6	44230	0.5	11

QC/DATA:
Standard:
GEO97 1.3 1

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CERTIFICATE OF ASSAY AK 96-511A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 4
Sample type: Rock
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by: Henry Pederson

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	44231	<.01	<.001
2	44232	<.01	<.001
3	44233	<.01	<.001
4	44234	<.01	<.001

QC/DATA:

Repeat:

1	44231	0.01	<.001

Standard:

STD-M	1.32	0.038

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CERTIFICATE OF ANALYSIS AK 96-511G2

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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 4
Sample type: Rock
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by: Henry Pederson

#.	Tag #	Ag (ppm)	Mo (ppm)
1	44231	0.1	23
2	44232	<0.1	84
3	44233	3.7	116
4	44234	1.8	41

QC DATA:
Standard:

GEO'97	1.3	1

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CERTIFICATE OF ASSAY AK 96-561A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 5
No. of samples received: 11
Sample type: CORE-RESPLIT SAMPLES
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	44235	0.02	0.001
3	44237	0.02	0.001
11	44245	0.01	<.001

QC/DATA:

Resplit:

R/S 1	44235	0.01	<.001

Repeat:

1	44235	0.01	<.001

Standard:

STD-M		1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-561G2

TARCO OIL & GAS LTD.
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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: BILL TAYLOR
HOLE # 5
No. of samples received: 11
Sample type: CORE-RESPLIT SAMPLES
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

T #.	Tag #	Ag (ppm)	Mo (ppm)
1	44235	0.8	8
2	44236	-	29
3	44237	1.7	5
11	44245	0.8	19

QC DATA:
Standard:

GEO'97	1.3	1

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CERTIFICATE OF ASSAY AK 96-585A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 5
No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

T #.	Tag #	Au (g/t)	Au (oz/t)
1	44246	0.04	0.001
2	44247	0.03	0.001
3	44248	<.01	<.001
4	44249	<.01	<.001
5	44250	0.02	0.001
6	44251	0.04	0.001
7	44252	0.05	0.001
8	44253	<.01	<.001
9	44254	0.01	<.001
10	44255	<.01	<.001
11	44256	<.01	<.001
12	44257	<.01	<.001
13	44258	0.03	0.001
14	44259	0.01	<.001
QC/DATA:			
Repeat:			
1	44246	0.03	0.001
Standard:			
STD-M		1.32	0.038

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CERTIFICATE OF ANALYSIS AK 96-585G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 5
No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

T #.	Tag #	Ag (ppm)	Mo (ppm)
1	44246	2.1	50
2	44247	6.4	159
3	44248	NO SAMPLE	
4	44249	0.1	18
5	44250	2.0	54
6	44251	0.9	63
7	44252	6.4	112
8	44253	<0.1	11
9	44254	<0.1	14
10	44255	<0.1	90
11	44256	<0.1	108
12	44257	<0.1	38
13	44258	0.6	11
14	44259	1.2	22

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TARCO OIL & GAS LTD. AK 96-585G2 22-Jan-97

ET #.	Tag #	Ag (ppm)	Mo (ppm)
QC DATA:			
Resplit:			
R/S 1	44246	2.2	45
R/S 8	44253	<0.1	7
R/S 10	44255	<0.1	87
Repeat:			
1	44246	2.2	50
Standard:			
GEO'97		1.3	1

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CERTIFICATE OF ASSAY AK 96-608A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 5
No. of samples received: 17
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

T #.	Tag #	Au (g/t)	Au (oz/t)
3	44262	0.01	<.001
4	44263	0.01	<.001
5	44264	<.01	<.001
6	44265	0.04	0.001
7	44266	0.02	0.001
8	44267	0.01	<.001
9	44268	0.03	0.001
10	44269	0.02	0.001
12	44271	0.04	0.001
14	44273	0.04	0.001
15	44274	0.01	<.001
16	44275	0.16	0.005

QC/DATA:
Standard:

STD-M	1.32	0.038

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CERTIFICATE OF ANALYSIS AK 96-608G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

21-Jan-97

ATTENTION: GARY STEWART
HOLE # 5
No. of samples received: 17
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Ag (ppm)	Mo (ppm)
1	44260	5.0	36
	44261	-	24
3	44262	1.6	13
4	44263	2.9	7
5	44264	7.0	12
6	44265	3.3	6
7	44266	9.5	8
8	44267	9.7	9
9	44268	2.5	9
10	44269	2.4	106
11	44270	1.7	25
12	44271	5.5	6
13	44272	4.8	7
14	44273	4.1	4
15	44274	2.7	8
16	44275	1.2	11
QC DATA:			
Resplit:			
R/S 1	44260	5.1	33
Repeat:			
1	44260	4.9	38
Standard:			
GEO'97		1.4	2

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CERTIFICATE OF ASSAY AK 96-621A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 6
No. of samples received: 12
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
2	44278	0.01	<.001
3	44279	0.08	0.002
4	44280	0.01	<.001
5	44281	0.01	<.001
6	44282	0.03	0.001
7	44283	0.01	<.001
8	44284	0.02	0.001
10	44286	0.03	0.001
11	44287	0.04	0.001
13	44289	0.02	0.001

QC/DATA:

Repeat:

2	44278	0.02	0.001

Standard:

STD-M		1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-621G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

23-Jan-97

ATTENTION: GARY STEWART
HOLE # 6
No. of samples received: 12
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
2	44278	1.1	-
3	44279	4.2	176
4	44280	<0.1	21
5	44281	0.5	21
6	44282	3.1	21
7	44283	<0.1	25
8	44284	1.2	101
9	44285	-	12
10	44286	5.7	6
11	44287	1.9	11
12	44288	3.3	65
13	44289	0.3	12

QC DATA:

Repeat:

2	44278	1.0	-

Standard:

GEO'97		1.3	1

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CERTIFICATE OF ASSAY AK 96-638A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 6
No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Not Indicated

ET #.	Tag #	Au (g/t)	Au (oz/t)
6	44310	0.01	<.001
7	44311	0.02	0.001
8	44312	0.01	<.001
9	44313	0.01	<.001
11	44315	0.04	0.001

QC/DATA:
Standard:

STD-M	1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-638G2

TARCO OIL & GAS LTD. 22-Jan-97
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: GARY STEWART
HOLE # 6
No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Not Indicated

#.	Tag #	Ag (ppm)	Mo (ppm)
6	44310	0.6	-
7	44311	0.3	51
8	44312	4.0	128
9	44313	2.1	50
11	44315	3.3	66

QC DATA:
Standard:

GEO'97	1.4	3

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CERTIFICATE OF ASSAY AK 96-646A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 6 (1-4) HOLE #5 (16,17,18)
No. of samples received: 5
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	44316	0.03	0.001
2	44317	0.03	0.001
3	44318	0.01	<.001
4	44319	0.02	0.001
16	44331	0.01	<.001
17	44332	0.01	<.001
18	44333	0.03	0.001

QC/DATA:

Repeat:

1	44316	0.04	0.001

Standard:

STD-M		1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-646G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 6 (1-4) HOLE #5 (16,17,18)
No. of samples received: 5
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
1	44316	1.6	42
2	44317	0.9	44
3	44318	1.5	49
4	44319	2.3	6
16	44331	0.2	6
17	44332	<0.1	78
18	44333	3.2	8

QC DATA:
Standard:

GEO'97	1.4	3

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CERTIFICATE OF ASSAY AK 96-661A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received:14
PROJECT #:NONE GIVEN
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
13	44370	0.01	<.001
14	44371	0.03	0.001

QC/DATA:
Standard:

STD-M	1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-661G2

TARCO OIL & GAS LTD.
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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received:14
PROJECT #:NONE GIVEN
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
.3	44370	0.9	83
14	44371	3.3	-

QC DATA:
Standard:

GEO'97	1.4	3

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CERTIFICATE OF ASSAY AK 96-669A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

23-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	44372	0.01	<.001
2	44373	0.02	0.001
6	44377	0.01	<.001
7	44378	0.06	0.002
8	44379	<.01	<.001
9	44380	<.01	<.001
10	44381	<.01	<.001

QC/DATA:

Resplit:

R/S 1	44372	0.08	0.002

Repeat:

1	44372	0.01	<.001

Standard:

STD-M		1.31	0.038

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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
1	44372	6.2	20
2	44373	-	6
3	44374	-	14
4	44375	-	9
5	44376	1.6	11
6	44377	<0.1	38
7	44378	0.6	6
8	44379	<0.1	120
9	44380	<0.1	476
10	44381	0.5	18
11	44382	1.2	17

QC DATA:

Repeat:

1	44372	6.6	23

Standard:

GEO'97		1.4	3

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CERTIFICATE OF ASSAY AK 96-679A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received: 9
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

T #.	Tag #	Au (g/t)	Au (oz/t)
1	44383	0.01	<.001
2	44384	0.02	0.001
4	44386	0.10	0.003
5	44387	0.03	0.001

QC/DATA:

Resplit:

R/S 1	44383	0.05	0.001

Standard:

STD-M		1.62	0.047

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CERTIFICATE OF ANALYSIS AK 96-679G2

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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 7
No. of samples received: 9
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

#.	Tag #	Ag (ppm)	Mo (ppm)
1	44383	6.3	24
2	44384	1.7	9
3	44385	3.2	67
4	44386	2.3	27
5	44387	0.8	24

QC DATA:

Repeat:

1	44383	6.1	21

Standard:

GEO'97		1.4	3

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CERTIFICATE OF ASSAY AK 96-706A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 8 (4-12) HOLE # 4 (25,26,27-29)
No. of samples received: 32
Sample type: 1/2 CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

T #.	Tag #	Au (g/t)	Au (oz/t)
4	57655	<.01	<.001
5	57656	0.01	<.001
6	57657	0.05	0.001
7	57658	0.01	<.001
8	57659	0.01	<.001
9	57660	<.01	<.001
10	57661	<.01	<.001
11	57662	0.03	0.001
12	57663	<.01	<.001
27	57706	0.03	0.001
28	57707	0.01	<.001
29	57708	<.01	<.001

QC/DATA:

Repeat:

4	57655	0.01	<.001

Standard:

STD-M	1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-706G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 8 (4-12) HOLE # 4 (25,26,27-29)
No. of samples received: 32
Sample type: 1/2 CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
4	57655	1.0	7
5	57656	8.6	17
6	57657	<0.1	7
7	57658	<0.1	12
8	57659	<0.1	10
9	57660	1.3	9
10	57661	0.4	11
11	57662	2.3	8
12	57663	<0.1	8
27	57706	-	7
28	57707	3.3	7
29	57708	0.1	17

QC DATA:
Standard:

GEO'97	1.3	4

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CERTIFICATE OF ASSAY AK 96-720A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
9	57714	0.01	<.001

QC/DATA:

Repeat:

9	57714	0.06	0.002

Standard:

STD-M	1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-720G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
9	57714	2.4	45

QC DATA:
Standard:
GEO'97 1.3 4

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CERTIFICATE OF ASSAY AK 96-732A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 9
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: BILL TAYLOR

T #.	Tag #	Au (g/t)	Au (oz/t)
8	57716	0.02	0.001
9	57717	<.01	<.001

QC/DATA:

Repeat:

8	57716	0.09	0.003

Standard:

STD-M	1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-732G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 9
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: BILL TAYLOR

#.	Tag #	Ag (ppm)	Mo (ppm)
5	57716	0.3	333
9	57717	<0.1	527

QC DATA:
Standard:
GEO'97 1.3 4

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CERTIFICATE OF ASSAY AK 96-746A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 7
Sample type: core
PROJECT: # none given
SHIPMENT: # none given
Samples submitted by: not indicated

T #.	Tag #	Au (g/t)	Au (oz/t)
7	57722	<.01	<.001

QC/DATA:

Repeat:

7	57722	0.01	<.001

Standard:

STD-M	1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-746G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 7
Sample type: core
PROJECT: # none given
SHIPMENT: # none given
Samples submitted by: not indicated

#.	Tag #	Ag (ppm)	Mo (ppm)
	57722	<0.1	10

QC DATA:
Standard:
GEO'97 1.3 4

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CERTIFICATE OF ASSAY AK 96-754A2

TARCO OIL & GAS
500-717 7th AVE. SW
CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
1	57718	<.01	<.001
2	57719	0.01	<.001
3	57720	0.02	0.001
4	57721	0.03	0.001
5	57722	<.01	<.001
6	57723	<.01	<.001
7	57724	0.02	0.001
8	57725	0.01	<.001
9	57726	0.02	0.001
10	57727	<.01	<.001

QC/DATA:

Repeat:

1	57718	<.01	<.001

Standard:

STD-M	1.18	0.034

per

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CERTIFICATE OF ANALYSIS AK 96-754G2

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 4
No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

T #.	Tag #	Ag (ppm)	Mo (ppm)
1	57718	0.5	122
2	57719	3.8	69
3	57720	0.7	-
4	57721	1.0	19
5	57722	1.3	10
6	57723	1.0	7
7	57724	2.4	14
8	57725	0.2	13
9	57726	3.2	109
10	57727	<0.1	33

QC DATA:

Repeat:

1	57718	0.9	116

Standard:

GEO'97	1.3	4

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CERTIFICATE OF ASSAY AK 96-765A2

TARCO OIL & GAS
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CALGARY, AB
T2P 0Z3

24-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 2
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

ET #.	Tag #	Au (g/t)	Au (oz/t)
4	57695	0.52	0.015
5	57696	0.01	<.001
6	57697	<.01	<.001
7	57698	<.01	<.001
8	57699	<.01	<.001

QC/DATA:
Standard:

STD-M	1.31	0.038

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CERTIFICATE OF ANALYSIS AK 96-765G2

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CALGARY, ALBERTA
T2P 0Z3

22-Jan-97

ATTENTION: GARY STEWART
HOLE # 3
No. of samples received: 2
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

#.	Tag #	Ag (ppm)	Mo (ppm)
4	57695	9.6	34
5	57696	3.1	21
6	57697	0.1	18
7	57698	0.6	11
8	57699	<0.1	13

QC DATA:
Standard:

GEO'97	1.3	4

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30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-475

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 1
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
3 Hole 1	44203	150	9.2	0.68	<5	65	<5	4.02	<1	9	98	>10000	2.92	<10	0.49	670	12	<0.01	6	410	<2	<5	<20	39	<0.01	<10	13	<10	14	23
QC DATA:																														
Repeat:																														
3	44203	260	9.0	0.61	<5	60	<5	3.83	<1	9	92	>10000	2.80	<10	0.44	624	10	<0.01	5	420	<2	<5	<20	37	<0.01	<10	9	<10	14	22
Standard:																														
GEO'96		145	1.4	1.68	60	150	<5	1.76	<1	19	65	82	4.10	<10	0.99	670	1	0.01	21	660	20	<5	<20	58	0.10	<10	70	<10	8	67

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ICP CERTIFICATE OF ANALYSIS AK 96-487

TARCO OIL & GAS LTD.
#500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1 Hole 3	44218	5	1.6	0.32	<5	115	<5	2.79	<1	9	67	2632	>10	<10	0.43	805	52	<0.01	3	110	<2	<5	<20	26	0.01	<10	56	10	<1	18
2 Hole 3	44219	720	>30	0.68	<5	75	<5	1.56	<1	17	31	>10000	>10	<10	0.86	644	33	<0.01	3	>10000	<2	<5	<20	17	<0.01	<10	45	110	<1	32
3 Hole 3	44220	310	16.8	0.67	<5	55	<5	1.49	<1	12	59	>10000	5.02	<10	0.60	452	44	<0.01	4	>10000	<2	<5	<20	14	<0.01	<10	26	10	<1	31
4 Hole 3	44221	70	9.0	0.73	<5	75	<5	1.65	<1	11	95	>10000	3.68	<10	0.53	457	19	<0.01	6	480	<2	<5	<20	16	0.01	<10	20	10	5	29
5 Hole 3	44222	5	2.4	0.72	<5	75	<5	1.72	<1	10	81	5247	3.29	<10	0.48	471	15	0.01	5	580	2	<5	<20	21	<0.01	<10	21	<10	7	24
6 Hole 3	44223	135	>30	0.95	<5	45	<5	2.09	<1	18	41	>10000	7.40	<10	0.77	666	17	<0.01	6	>10000	<2	<5	<20	29	<0.01	<10	24	60	<1	33
7 Hole 3	44224	5	0.2	1.00	<5	55	<5	1.15	<1	9	108	485	3.16	<10	0.42	253	8	0.06	21	460	4	<5	<20	41	0.07	<10	80	20	4	14
QC DATA:																														
Resplit:																														
1 Hole 3	44218	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1 Hole 3	44218	5	2.2	0.36	<5	110	<5	2.79	1	10	71	2577	>10	<10	0.41	796	54	<0.01	5	100	<2	<5	<20	26	0.02	<10	61	10	<1	19
Standard:																														
GEO'96		145	1.4	1.68	60	150	<5	1.76	<1	19	65	82	4.10	<10	0.99	670	1	0.01	21	660	20	<5	<20	58	0.10	<10	70	<10	8	67

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS AK 96-511

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 4
Sample type: Rock
PROJECT: # None Given
SHIPMENT: # None Given
Samples submitted by: Henry Pederson

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	HOLE 4 44231	5	<0.2	0.97	<5	250	<5	1.25	<1	12	101	906	3.05	<10	0.83	372	18	0.03	8	500	8	<5	<20	21	0.01	<10	41	<10	8	24
2	HOLE 4 44232	5	0.6	1.08	<5	295	<5	1.49	<1	14	56	1724	3.43	<10	0.98	450	70	0.03	9	500	8	<5	<20	30	0.01	<10	38	<10	10	31
3	HOLE 4 44233	5	4.2	0.54	<5	295	<5	2.17	<1	10	79	4036	2.81	<10	0.49	484	91	0.02	5	520	4	<5	<20	33	<0.01	<10	20	<10	7	30
4	HOLE 4 44234	5	2.6	0.39	<5	240	<5	2.69	<1	12	86	3163	3.21	<10	0.52	755	49	0.02	6	470	<2	<5	<20	34	<0.01	<10	20	<10	8	32
QC DATA:																														
Repeat:																														
1	HOLE 4 44231	5	0.4	1.00	<5	255	<5	1.23	<1	13	108	921	3.00	<10	0.87	384	17	0.04	8	560	6	<5	<20	22	<0.01	<10	41	<10	8	26
Standard:																														
GEO'96		145	1.0	1.70	65	150	<5	1.83	<1	19	61	78	3.97	<10	1.05	675	<1	0.02	22	670	22	<5	<20	59	0.12	<10	75	<10	10	77

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30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-561

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE-RESPLIT SAMPLES
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	HOLE 5 44235	5	1.2	2.02	<5	65	<5	1.75	<1	24	83	1459	5.26	<10	1.82	741	10	0.01	18	730	8	<5	<20	19	0.01	<10	91	<10	4	93
2	HOLE 5 44236	75	>30	0.63	915	65	<5	2.96	<1	28	74	>10000	4.50	<10	1.45	741	26	<0.01	12	>10000	32	<5	<20	26	<0.01	10	51	10	7	93
3	HOLE 5 44237	5	8.8	0.72	260	80	<5	2.61	<1	17	72	4620	3.50	<10	1.09	612	18	<0.01	10	750	6	<5	<20	21	0.02	<10	46	<10	8	58
QC DATA:																														
Standard:																														
GEO'96		150	1.8	2.02	70	150	<5	1.97	<1	20	70	82	4.04	<10	1.06	747	2	0.02	24	660	18	<5	<20	59	0.16	<10	87	<10	9	72

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30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-585

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 14
Sample type: Core
PROJECT #: none given
SHIPMENT #: none given
Samples submitted by: J.D. Murphy

Values in ppm unless otherwise reported

Et #	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	HOLE 5 44246	45	3.2	0.57	<5	285	<5	2.13	<1	9	127	4776	2.53	<10	0.49	475	42	0.03	7	450	4	<5	<20	27	<0.01	<10	15	<10	9
2	HOLE 5 44247	5	7.8	0.56	<5	255	<5	3.39	<1	9	100	7111	4.18	<10	0.52	516	140	0.03	6	360	<2	<5	<20	43	0.01	<10	29	<10	6
7	HOLE 5 44252	25	8.0	0.84	<5	90	<5	2.54	<1	9	103	>10000	2.88	<10	0.66	680	92	0.02	7	130	<2	<5	<20	29	<0.01	<10	30	<10	10
14	HOLE 5 44259	20	2.0	0.60	<5	65	<5	1.79	<1	7	119	2218	1.84	10	0.46	939	20	0.02	6	390	<2	<5	<20	21	<0.01	<10	22	<10	13
QC DATA:																													
Repeat:																													
1	HOLE 5 44246	35	3.0	0.58	<5	305	<5	2.21	<1	8	133	4813	2.59	<10	0.48	503	45	0.02	6	470	2	<5	<20	26	<0.01	<10	14	<10	9
Standard:																													
GEO'96		150	1.8	2.02	70	150	<5	1.97	<1	20	70	82	4.04	<10	1.06	747	2	0.02	24	660	18	<5	<20	59	0.16	<10	87	<10	9

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31-Oct-96

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V2C 6T4

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Fax : 604-573-4557

ICP CERTIFICATE OF ANALYSIS AK 96-608

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 19
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.		Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	Hole 5	44260**	225	4.8	0.64	<5	60	<5	3.52	<1	8	88	>10000	1.83	<10	0.43	1681	25	0.01	7	540	10	<5	<20	26	0.01	<10	18	<10	15	23
2	Hole 5	44261	470	>30	0.31	5	85	<5	4.78	2	6	89	>10000	1.89	<10	0.50	2265	20	<0.01	3	>10000	2	5	<20	31	<0.01	<10	6	10	11	12
3	Hole 5	44262	10	2.0	0.75	<5	70	<5	1.67	<1	10	97	2191	1.76	<10	0.58	852	10	0.02	7	380	6	<5	<20	15	<0.01	<10	19	<10	9	22
4	Hole 5	44263	5	3.4	0.82	<5	90	<5	1.90	<1	11	124	3632	1.95	<10	0.62	1011	5	0.02	7	490	6	<5	<20	18	<0.01	<10	19	<10	15	28
5	Hole 5	44264	5	7.4	0.82	<5	75	<5	2.02	<1	12	99	>10000	2.19	<10	0.62	1046	7	0.02	7	300	4	<5	<20	17	<0.01	<10	20	<10	12	26
6	Hole 5	44265	15	3.2	0.49	<5	65	<5	2.29	<1	6	107	4358	1.28	<10	0.33	1000	3	0.01	4	350	4	<5	<20	17	<0.01	<10	11	<10	13	13
7	Hole 5	44266	5	9.6	0.69	<5	85	<5	2.17	<1	7	157	>10000	1.40	<10	0.38	964	7	0.02	6	300	4	<5	<20	18	<0.01	<10	11	<10	10	14
8	Hole 5	44267	5	9.4	0.57	<5	90	<5	1.77	<1	8	123	>10000	1.27	<10	0.51	783	5	0.02	4	300	10	<5	<20	16	<0.01	<10	10	<10	8	17
9	Hole 5	44268	5	2.4	0.58	<5	75	<5	2.95	<1	8	84	2596	1.32	<10	0.36	974	6	0.01	5	470	12	<5	<20	20	<0.01	<10	10	<10	11	22
10	Hole 5	44269	5	2.6	0.44	<5	75	<5	3.26	<1	7	98	3052	1.23	<10	0.19	885	74	0.01	4	460	6	<5	<20	25	<0.01	<10	9	<10	11	15
11	Hole 5	44270	70	2.0	0.46	<5	85	<5	3.90	<1	9	97	3061	1.64	<10	0.22	1022	23	<0.01	6	450	4	<5	<20	24	<0.01	<10	10	<10	13	18
12	Hole 5	44271	35	5.8	0.43	<5	60	<5	3.70	<1	4	125	>10000	0.88	<10	0.08	1011	8	<0.01	3	450	4	<5	<20	26	<0.01	<10	5	<10	15	5
13	Hole 5	44272	55	5.4	0.41	<5	70	<5	4.01	<1	6	98	7418	1.35	<10	0.42	1031	6	<0.01	4	340	2	<5	<20	26	<0.01	<10	6	<10	18	12
14	Hole 5	44273	10	4.4	0.54	<5	70	<5	3.44	<1	8	105	6695	1.69	<10	0.70	1036	4	<0.01	4	270	4	<5	<20	24	<0.01	<10	14	<10	14	17
15	Hole 5	44274	5	2.8	0.78	<5	70	<5	2.95	<1	9	115	4644	1.83	10	0.55	851	6	0.02	6	340	4	<5	<20	25	<0.01	<10	26	<10	13	18
16	Hole 5	44275	5	1.4	0.71	<5	90	<5	2.42	<1	8	95	2257	1.95	10	0.56	681	9	0.04	6	440	6	<5	<20	31	0.01	<10	37	<10	17	13

TARCO OIL & GAS LTD. ICP CERTIFICATE OF ANALYSIS AK 96-608 ECO-TECH LABORATORIES LTD.

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																														
Resplit:																														
1 Hole 5	44260	35	5.2	0.84	<5	75	<5	3.61	<1	8	94	8620	1.95	10	0.45	1698	29	0.03	7	460	6	<5	<20	33	0.01	<10	21	<10	17	18
Repeat:																														
1 Hole 5	44260	105	5.0	0.59	<5	65	<5	3.44	<1	7	87	8868	1.76	10	0.37	1616	25	0.01	4	510	6	<5	<20	28	<0.01	<10	14	<10	15	20
8 Hole 5	44267	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'96		150	1.0	1.74	65	165	<5	1.85	<1	20	66	82	4.21	<10	1.00	710	<1	0.02	24	650	24	<5	<20	53	0.13	<10	79	<10	10	70

NOTE:**=METALLICS SUSPECTED-SCREEN ASSAY IS SUGGESTED

df/5436
XLS/96

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 96-621

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 12
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
2	Hole 6	44278	5	1.8	1.09	<5	190	<5	3.39	<1	13	110	1646	4.09	<10	0.97	629	25	0.01	8	580	4	<5	<20	43	<0.01	<10	45	<10	13	32
3	Hole 6	44279	15	6.8	0.59	<5	90	<5	2.42	<1	10	171	7135	3.56	<10	0.44	538	163	<0.01	6	580	<2	<5	<20	25	<0.01	<10	16	<10	10	24
4	Hole 6	44280	5	0.8	1.20	<5	85	<5	2.06	<1	15	122	974	3.90	<10	0.80	549	23	0.01	7	560	6	<5	<20	25	<0.01	<10	30	<10	8	42
5	Hole 6	44281	5	1.4	1.16	<5	110	<5	2.30	<1	17	140	1678	5.08	<10	1.11	659	24	0.02	9	490	6	<5	<20	33	<0.01	<10	36	<10	9	50
6	Hole 6	44282	5	4.8	1.10	<5	115	<5	3.14	<1	17	155	5768	4.95	<10	1.25	771	27	0.02	7	570	4	<5	<20	33	<0.01	<10	37	<10	11	44
7	Hole 6	44283	5	0.2	1.19	<5	95	<5	1.94	<1	12	134	388	3.52	<10	0.78	446	24	0.02	8	450	4	<5	<20	27	<0.01	<10	38	<10	11	29
8	Hole 6	44284	10	2.2	1.01	<5	170	<5	3.44	<1	12	111	1576	3.28	<10	0.65	587	86	0.02	8	500	4	<5	<20	36	<0.01	<10	27	<10	13	30
9	Hole 6	44285	165	>30	0.61	<5	65	<5	3.01	<1	9	127	>10000	2.87	<10	0.30	570	19	<0.01	4	>10000	<2	<5	<20	21	<0.01	<10	14	80	3	12
10	Hole 6	44286	10	9.8	1.12	<5	145	<5	2.18	<1	11	116	7988	3.36	<10	0.62	531	9	0.02	6	600	4	<5	<20	30	<0.01	<10	27	<10	7	27
11	Hole 6	44287	10	3.6	0.61	<5	285	<5	3.17	<1	8	106	4198	2.57	<10	0.53	687	10	0.01	5	500	<2	<5	<20	31	<0.01	<10	18	<10	9	16
12	Hole 6	44288	140	5.4	0.65	<5	355	<5	3.09	<1	7	136	4981	2.48	<10	0.34	704	60	0.01	6	580	<2	<5	<20	33	<0.01	<10	17	<10	10	23
13	Hole 6	44289	5	1.6	0.75	<5	415	<5	4.19	<1	8	147	1527	3.14	<10	0.70	919	18	0.02	5	550	2	<5	<20	43	<0.01	<10	26	<10	14	21
QC DATA:																														
Repeat:																														
2	Hole 6	44278	10	2.2	1.17	<5	195	<5	3.44	<1	14	106	1680	4.48	<10	1.04	615	27	0.02	10	590	6	<5	<20	47	<0.01	<10	48	<10	15	35
Standard:																														
GEO'96		-	1.2	1.80	60	165	<5	1.90	<1	24	66	78	4.08	<10	1.05	721	2	0.03	24	600	24	<5	<20	67	0.12	<10	76	<10	13	71

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/798X
XLS/96

30-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 96-646

TARCO OIL & GAS LTD.
500-717 SEVENTH AVENUE S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 5
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.		Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y
1	Hole 6	44316	25	2.6	1.09	<5	110	<5	3.45	<1	10	111	2091	2.96	<10	0.69	866	36	0.03	6	600	6	<5	<20	43	<0.01	<10	36	<10	13
2	Hole 6	44317	5	2.2	1.13	<5	110	<5	4.04	<1	11	128	3032	3.25	<10	0.88	1103	38	0.02	6	640	6	<5	<20	39	<0.01	<10	33	<10	16
3	Hole 6	44318	5	2.4	1.11	<5	210	<5	2.15	<1	10	115	2367	3.43	<10	0.89	618	53	0.05	8	650	4	<5	<20	38	0.04	<10	64	<10	20
4	Hole 6	44319	10	1.0	1.13	<5	185	<5	3.09	<1	11	136	1305	3.73	<10	1.18	767	12	0.06	7	620	4	<5	<20	48	0.01	<10	54	<10	21
33	Hole 7	44348	5	8.8	0.64	<5	95	<5	4.71	<1	8	92	8560	2.71	<10	1.35	1236	11	0.02	5	630	2	5	<20	68	<0.01	<10	19	<10	16
QC DATA:																														
Repeat:																														
1	Hole 6	44316	-	2.6	1.07	<5	100	<5	3.34	<1	10	108	2008	2.80	<10	0.68	800	36	0.03	7	580	6	<5	<20	42	<0.01	<10	35	<10	13
Standard:																														
GEO'96			150	1.4	1.68	60	150	<5	1.76	<1	19	65	82	4.10	<10	0.99	670	1	0.01	21	660	20	<5	<20	58	0.10	<10	70	<10	8

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XLS/96

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS AK 96-661

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received:14
PROJECT #:NONE GIVEN
SHIPMENT #NONE GIVEN
P.O.#: NONE GIVEN
Samples submitted by:NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
13	HOLE 7 44370	5	2.2	0.52	90	145	<5	1.42	<1	10	113	2483	3.39	<10	0.78	824	80	0.03	6	380	<2	<5	<20	28	<0.01	<10	31	<10	8	25
14	HOLE 7 44371	5	5.2	0.57	<5	120	<5	1.00	<1	8	103	6872	3.78	<10	0.40	627	470	0.03	5	350	<2	<5	<20	18	0.02	<10	33	<10	3	21
QC DATA:																														
Repeat:																														
13	HOLE 7 44370	5	2.2	0.51	85	145	<5	1.39	<1	9	110	2380	3.33	<10	0.76	813	80	0.03	6	370	<2	<5	<20	29	<0.01	<10	31	<10	8	24
Standard:																														
GEO'96		150	1.6	2.04	70	150	<5	1.96	<1	20	70	80	4.02	<10	1.06	740	2	0.04	20	640	18	45	<20	64	0.16	40	80	40	9	70

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/585
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30-Oct-96

ECO-TECH LABORATORIES LTD.
10041 East Trans Canada Highway
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 96-669

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #:NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	HOLE 7 44372	10	7.8	0.57	5	115	<5	2.06	<1	8	132	3844	2.99	<10	0.33	1032	23	0.02	5	510	6	<5	<20	23	<0.01	<10	22	<10	9	17
2	HOLE 7 44373	10	13.2	0.54	5	145	<5	3.79	<1	5	156	3552	2.12	<10	0.26	1884	8	0.01	4	550	4	<5	<20	30	<0.01	<10	15	<10	16	12
3	HOLE 7 44374	80	17.8	0.60	20	140	<5	3.66	<1	8	141	4663	2.99	<10	0.38	2073	15	0.01	5	640	2	<5	<20	31	<0.01	<10	31	<10	18	20
4	HOLE 7 44375	60	>30	0.48	<5	130	<5	4.77	<1	8	127	>10000	2.91	<10	0.27	2489	10	<0.01	5	780	<2	<5	<20	39	<0.01	<10	19	<10	20	19
5	HOLE 7 44376	105	3.0	0.53	<5	270	<5	4.68	<1	8	145	3334	2.81	<10	0.26	1752	11	0.01	6	630	<2	<5	<20	41	<0.01	<10	22	<10	17	20
10	HOLE 7 44381	25	1.4	0.62	<5	175	<5	2.82	<1	18	82	3003	4.56	<10	0.70	1406	14	0.02	9	560	4	<5	<20	36	<0.01	<10	19	<10	7	53
11	HOLE 7 44382	65	2.8	0.72	<5	195	<5	3.48	<1	22	78	5010	4.85	<10	0.87	1752	18	0.02	11	690	2	<5	<20	38	<0.01	<10	20	<10	8	56
QC DATA:																														
Resplit:																														
1	HOLE 7 44372	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	HOLE 7 44372	60	4.8	0.59	<5	195	<5	2.89	<1	10	92	3147	3.65	<10	0.68	1459	16	0.02	9	620	2	<5	<20	38	<0.01	<10	18	<10	8	24
Standard:																														
GEO'96		150	1.2	1.80	60	165	<5	1.90	<1	24	66	24	4.08	<10	1.05	721	2	0.03	24	800	24	<5	<20	67	0.12	<10	76	<10	13	71

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ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

ECO-TECH LABORATORIES LTD.
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V2C 6T4

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ICP CERTIFICATE OF ANALYSIS AK 96-638

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: Not Indicated

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
5	HOLE 6 44309	5	1.6	0.56	<5	640	<5	3.23	<1	9	139	1047	2.70	<10	0.88	859	20	0.02	9	450	<2	<5	<20	43	<0.01	<10	27	<10	13	21
6	HOLE 6 44310	5	1.2	0.46	<5	510	<5	2.39	<1	12	132	1003	3.41	<10	1.02	911	41	0.01	8	490	<2	<5	<20	27	<0.01	<10	36	<10	10	31
7	HOLE 6 44311	5	1.2	0.44	<5	810	<5	2.50	<1	8	166	764	2.64	<10	0.63	850	43	0.01	8	510	<2	<5	<20	30	<0.01	<10	26	<10	8	27
8	HOLE 6 44312	5	5.6	0.54	<5	425	<5	2.11	<1	9	174	5200	2.38	<10	0.43	805	124	0.01	8	450	<2	<5	<20	25	<0.01	<10	20	<10	5	25
9	HOLE 6 44313	10	3.2	0.61	<5	180	<5	2.01	<1	10	155	2978	2.68	<10	0.44	678	47	0.01	8	410	<2	<5	<20	23	<0.01	<10	20	<10	9	26
10	HOLE 6 44314	125	15.6	0.25	<5	70	<5	4.29	<1	7	216	>10000	2.09	<10	0.25	1073	124	<0.01	5	20	<2	<5	<20	33	0.01	<10	15	<10	7	14
11	HOLE 6 44315	10	4.8	0.59	<5	105	<5	3.10	<1	9	105	3567	2.40	<10	0.79	1128	52	0.03	6	470	<2	<5	<20	40	<0.01	<10	21	<10	11	28
QC DATA:																														
Repeat:																														
5	HOLE 6 44309	5	1.6	0.55	<5	640	<5	3.26	<1	9	139	1030	2.69	<10	0.88	865	19	0.02	9	450	<2	<5	<20	43	<0.01	<10	27	<10	13	22
Standard:																														
GEO'96		150	1.8	2.02	70	150	<5	1.97	<1	20	70	82	4.04	<10	1.06	747	2	0.02	24	660	18	<5	<20	59	0.16	<10	87	<10	9	72

df/585
XLS/96tarco

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

ECO-TECH LABORATORIES LTD.
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ICP CERTIFICATE OF ANALYSIS AK 96-679

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 9
Sample type: Core
PROJECT #: None Given
SHIPMENT #: None Given
Samples submitted by: None Given

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	HOLE 7 44383	5	7.4	0.55	<5	280	<5	3.02	<1	11	56	4722	2.65	<10	0.50	1265	22	0.01	7	400	30	<5	<20	39	<0.01	<10	17	<10	9	36
2	HOLE 7 44384	5	3.2	0.50	<5	360	<5	3.20	<1	7	68	2855	2.37	<10	0.44	1172	11	0.02	4	620	8	<5	<20	41	<0.01	<10	12	<10	9	26
3	HOLE 7 44385	180	5.8	0.50	<5	325	<5	3.46	<1	9	50	4963	2.85	<10	0.49	1358	62	0.02	5	680	4	<5	<20	46	<0.01	<10	13	<10	10	31
4	HOLE 7 44386	10	4.2	0.39	<5	120	<5	3.93	<1	13	68	4672	3.34	<10	1.02	1625	27	0.02	7	330	4	<5	<20	36	<0.01	<10	16	<10	10	37
5	HOLE 7 44387	10	1.8	0.54	<5	150	<5	3.98	<1	10	77	1417	2.77	20	0.60	1113	23	0.03	6	450	4	<5	<20	52	<0.01	<10	21	<10	15	25
QC DATA:																														
Resplit:																														
1	HOLE 7 44383	-	8.2	0.57	<5	285	<5	3.12	<1	12	62	4820	2.91	<10	0.54	1322	24	0.01	5	440	20	<5	<20	43	<0.01	<10	17	<10	9	38
Repeat:																														
5	HOLE 7 44387	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Standard:																														
GEO'96		150	1.8	2.02	70	150	<5	1.97	<1	20	70	82	4.04	<10	1.06	747	2	0.02	24	660	18	<5	<20	59	0.16	<10	87	<10	9	72

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ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-706

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 32
Sample type: 1/2 CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
5	HOLE 8 57656	10	8.4	0.47	15	65	<5	5.24	<1	10	73	8206	2.69	<10	2.06	1139	17	0.02	6	380	4	10	<20	57	<0.01	<10	27	<10	19	44
26	HOLE 8 57705	10	6.4	1.40	<5	80	<5	2.55	<1	23	67	9477	5.02	<10	1.56	840	7	0.03	14	650	6	<5	<20	90	0.05	<10	87	<10	15	44
27	HOLE 8 57706	15	10.0	1.21	<5	65	<5	2.67	<1	23	45	>10000	5.70	<10	1.50	883	5	0.02	14	460	6	<5	<20	85	0.04	<10	84	<10	15	43
28	HOLE 8 57707	5	3.2	0.99	<5	250	<5	2.91	<1	15	51	5091	3.60	<10	1.28	684	4	0.03	10	680	6	<5	<20	80	0.03	<10	71	<10	15	37
QC DATA:																														
Repeat:																														
5	HOLE 8 57656	15	[illegible]2	0.50	20	70	<5	5.26	<1	13	74	8025	2.80	<10	2.06	1136	13	0.02	6	430	2	10	<20	58	<0.01	<10	29	<10	19	43
Standard:																														
GEO'96		150	1.0	1.70	65	150	<5	1.83	<1	19	61	78	3.97	<10	1.05	675	<1	0.02	22	670	22	<5	<20	59	0.12	<10	75	<10	10	77

df/1246
XLS/96tarco

ECO-TECH LABORATORIES LTD.
per Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-720

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 10
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
10	HOLE 4 57715	50	10.0	0.41	5	110	<5	3.98	<1	8	64	>10000	2.01	<10	0.55	1207	196	0.02	4	220	2	10	<20	37	<0.01	<10	13	<10	13	21
QC DATA:																														
Repeat:																														
10	HOLE 4 57715	45	9.6	0.34	10	95	<5	3.77	<1	7	55	>10000	1.80	<10	0.49	1124	188	0.01	3	210	<2	5	<20	34	<0.01	<10	10	<10	12	19
Standard:																														
GEO'96		150	1.0	1.80	65	150	<5	1.80	<1	18	61	80	3.69	<10	0.95	688	1	0.01	21	650	24	<5	<20	56	0.09	<10	75	<10	9	78

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XLS/96tarco

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-754

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	HOLE 4 57718	5	1.2	0.71	45	195	<5	1.96	<1	9	111	1799	2.15	<10	0.54	841	95	0.03	6	420	26	<5	<20	25	<0.01	<10	21	<10	11	29
2	HOLE 4 57719	5	4.0	0.65	20	165	<5	2.73	<1	9	114	2533	2.48	<10	0.43	1221	67	0.03	6	460	16	<5	<20	29	<0.01	<10	22	<10	12	27
3	HOLE 4 57720	5	1.4	0.52	10	170	<5	2.20	<1	7	143	1622	2.25	<10	0.29	1146	134	0.03	4	420	10	<5	<20	23	<0.01	<10	14	<10	8	23
4	HOLE 4 57721	5	1.6	0.76	20	250	<5	3.60	<1	10	93	2802	2.24	<10	0.72	1645	30	0.02	6	530	8	<5	<20	37	<0.01	<10	22	<10	14	29
5	HOLE 4 57722	5	1.8	0.93	15	185	<5	3.83	<1	11	135	1772	2.49	<10	0.99	1987	15	0.03	8	580	8	<5	<20	43	<0.01	<10	37	<10	15	30
6	HOLE 4 57723	5	1.6	0.86	5	195	<5	3.25	<1	10	111	1867	2.43	<10	0.81	1619	10	0.03	7	570	8	<5	<20	42	<0.01	<10	42	<10	13	26
7	HOLE 4 57724	5	3.2	0.92	<5	95	<5	3.14	<1	10	130	4138	2.44	<10	0.71	1263	13	0.03	7	570	6	<5	<20	39	<0.01	<10	41	<10	13	26
8	HOLE 4 57725	5	0.6	0.80	<5	115	<5	3.24	<1	9	104	1199	2.35	10	0.74	872	9	0.04	7	540	4	<5	<20	44	<0.01	<10	37	<10	15	20
9	HOLE 4 57726	5	3.6	0.95	<5	250	<5	2.96	<1	10	140	4497	2.63	<10	1.09	842	99	0.05	8	510	4	<5	<20	43	<0.01	<10	42	<10	15	18
QC DATA:																														
Resplit:																														
1	HOLE 4 57718	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	HOLE 4 57718	5	1.4	0.74	<5	220	<5	2.03	<1	10	115	1779	2.31	<10	0.60	862	104	0.03	7	450	20	<5	<20	26	<0.01	<10	22	<10	11	30
Standard:																														
GEO'96		145	1.0	1.80	65	150	<5	1.80	<1	18	61	80	3.69	<10	0.95	688	1	0.01	21	650	24	<5	<20	56	0.09	<10	75	<10	9	78

per **ECO-TECH LABORATORIES LTD.**
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

df/1246
XLS/96tarco

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-746

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 7
Sample type: core
PROJECT: # none given
SHIPMENT: # none given
Samples submitted by: not indicated

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
7	HOLE 4 57722	5	<0.2	0.66	<5	165	<5	3.01	<1	8	97	336	1.63	<10	0.60	1132	8	0.02	6	520	4	<5	<20	29	<0.01	<10	23	<10	13	23
QC DATA:																														
Repeat:																														
7	HOLE 4 57722	5	<0.2	0.68	<5	165	<5	3.19	<1	8	98	278	1.60	<10	0.61	1204	7	0.03	7	540	4	<5	<20	30	<0.01	<10	23	<10	14	24
Standard:																														
GEO'96		145	1.0	1.80	65	150	<5	1.80	<1	18	61	80	3.69	<10	0.95	688	1	0.01	21	650	24	<5	<20	56	0.09	<10	75	<10	9	78

df/1246
XLS/96tarco

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-765

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2B 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 2
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
4 Hole 3	57695	5	9.0	0.52	<5	65	<5	2.47	<1	8	125	>10000	3.00	<10	0.54	563	26	<0.01	6	340	<2	<5	<20	22	<0.01	<10	19	<10	4	22
5 Hole 3	57696	10	3.2	0.87	<5	80	<5	1.42	<1	11	75	8880	3.54	<10	0.68	449	17	0.02	6	430	<2	<5	<20	17	<0.01	<10	36	<10	5	26
QC DATA:																														
Repeat:																														
4	57695	20	8.2	0.47	<5	50	<5	2.28	<1	8	118	>10000	2.73	<10	0.46	513	23	<0.01	4	340	<2	<5	<20	18	<0.01	<10	16	<10	4	20
Standard:																														
GEO'96		-	1.2	1.80	65	160	<5	1.87	<1	20	65	80	3.65	<10	0.92	695	2	0.01	20	680	18	<5	<20	61	0.08	<10	82	<10	7	67

df/827
XLS/96

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-777

TARCO OIL & GAS LTD.
500-717 SEVENTH AVE. S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 1
Sample type: CORE
PROJECT #: NONE GIVEN
SHIPMENT #: NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1 Hole 3	57700	5	3.2	0.49	<5	105	<5	3.39	<1	8	95	3468	2.23	<10	0.55	1172	12	0.01	5	440	<2	<5	<20	36	<0.01	<10	24	<10	13	16
QC DATA:																														
Resplit:																														
1	57700	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Repeat:																														
1	57700	-	3.8	0.51	<5	110	<5	3.70	<1	8	103	3797	2.39	<10	0.57	1298	12	0.01	6	470	<2	<5	<20	38	<0.01	<10	26	<10	14	17
Standard:																														
GEO'96		145	1.2	1.80	65	160	<5	1.87	<1	20	65	80	3.65	<10	0.92	695	2	0.01	20	680	18	<5	<20	61	0.08	<10	82	<10	7	67

df/827
XLS/96

per

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-798

TARCO OIL & GAS LTD.
500-717 7TH AVE. S.W.
CALGARY, ALBERTA
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT: # NONE GIVEN
SHIPMENT: # NONE GIVEN
Samples submitted by: NOT INDICATED

Values in ppm unless otherwise reported

Et #.	Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
2 Hole 9	63769	5	0.8	0.74	<5	80	<5	1.95	<1	9	78	874	2.46	10	0.65	497	8	0.03	6	430	4	<5	<20	38	0.01	<10	40	<10	16	18
3 Hole 9	63770	5	1.2	0.86	<5	125	<5	2.42	<1	12	110	1323	3.27	10	0.91	626	11	0.03	6	470	2	<5	<20	52	<0.01	<10	41	<10	16	21
4 Hole 9	63771	5	1.2	0.69	<5	120	<5	2.62	<1	10	87	1434	2.86	<10	0.64	758	23	0.03	6	480	4	<5	<20	49	<0.01	<10	39	<10	16	19
5 Hole 9	63772	10	1.8	0.45	<5	115	<5	3.38	<1	10	130	1689	3.12	<10	0.38	1298	11	0.01	5	480	<2	<5	<20	44	<0.01	<10	22	<10	15	21
6 Hole 9	63773	10	2.6	0.34	<5	125	<5	3.80	<1	11	83	2665	4.08	<10	0.59	1840	10	0.01	4	450	<2	<5	<20	58	<0.01	<10	27	<10	12	25
7 Hole 9	63774	5	1.4	0.39	<5	110	<5	3.98	<1	9	100	1401	2.82	<10	0.31	1473	8	0.01	5	490	<2	<5	<20	45	<0.01	<10	21	<10	16	20
8 Hole 9	63775	10	6.4	0.47	<5	125	<5	3.35	<1	13	84	9429	3.86	<10	0.40	1176	8	0.02	6	480	<2	<5	<20	42	<0.01	<10	24	<10	13	24
9 Hole 9	63776	20	6.6	0.43	<5	110	<5	3.25	<1	10	87	7381	2.61	<10	0.39	934	8	0.02	5	450	<2	<5	<20	40	<0.01	<10	23	<10	13	15
10 Hole 9	63777	5	1.2	0.48	<5	120	<5	4.13	<1	8	127	1352	2.27	<10	0.31	1057	10	0.01	5	410	<2	<5	<20	38	<0.01	<10	20	<10	14	16
11 Hole 9	63778	160	1.4	0.74	<5	255	<5	3.53	<1	9	116	1921	2.67	<10	0.66	894	8	0.03	6	450	<2	<5	<20	53	<0.01	<10	29	<10	14	19
QC DATA:																														
Repeat:																														
2 Hole 9	63769	5	0.6	0.77	<5	90	<5	2.02	<1	10	84	946	2.71	10	0.70	506	9	0.03	6	470	<2	<5	<20	41	<0.01	<10	42	<10	17	18
Standard:																														
GEO'96		140	1.4	1.68	60	150	<5	1.76	<1	19	65	82	4.10	<10	0.99	670	1	0.01	21	660	20	<5	<20	58	0.10	<10	70	<10	8	67

ECO-TECH LABORATORIES LTD.
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df/798X
XLS/96

30-Oct-96

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ICP CERTIFICATE OF ANALYSIS AK 96-827

TARCO OIL & GAS LTD
500-717 SEVENTH AVE S.W.
CALGARY, AB
T2P 0Z3

ATTENTION: BILL TAYLOR

No. of samples received: 11
Sample type: CORE
PROJECT #: None given
SHIPMENT #: None given
Samples submitted by: Not indicated

Values in ppm unless otherwise reported

Et #.		Tag #	Au(ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	Hole 9	63784	5	2.2	1.00	<5	130	<5	2.95	<1	12	109	2095	2.71	<10	0.87	592	10	0.03	8	450	4	<5	<20	51	0.01	<10	30	<10	12	23
2	Hole 9	63785	5	4.0	1.05	<5	135	<5	3.50	<1	12	125	3534	2.80	<10	0.99	658	8	0.04	8	500	<2	<5	<20	54	<0.01	<10	34	<10	15	23
3	Hole 9	63786	5	0.8	1.19	<5	145	<5	2.72	<1	13	78	1120	3.13	<10	1.07	557	73	0.04	7	490	<2	<5	<20	45	<0.01	<10	35	<10	13	22
4	Hole 9	63787	95	4.6	0.96	<5	190	<5	3.47	<1	13	98	4410	3.31	<10	0.93	716	33	0.03	7	550	<2	<5	<20	50	<0.01	<10	27	<10	12	27
5	Hole 9	63788	10	4.4	1.09	<5	135	<5	4.06	<1	14	85	3289	3.30	<10	1.40	850	12	0.02	6	540	<2	<5	<20	49	<0.01	<10	36	<10	15	26
6	Hole 9	63789	5	4.0	1.31	<5	115	<5	3.00	<1	16	126	6545	3.76	<10	1.22	682	48	0.03	10	610	<2	<5	<20	45	<0.01	<10	44	<10	11	30
7	Hole 9	63790	5	1.8	0.91	<5	105	<5	2.65	<1	11	71	2258	3.10	<10	1.16	634	20	0.03	6	460	<2	<5	<20	49	<0.01	<10	39	<10	9	21
8	Hole 9	63791	60	7.4	0.76	<5	95	<5	2.77	<1	13	111	>10000	3.41	<10	0.95	798	79	0.02	7	450	<2	<5	<20	36	<0.01	<10	34	<10	9	24
9	Hole 9	63792	35	7.2	0.89	<5	110	<5	2.38	<1	12	88	7116	3.31	<10	0.89	750	19	0.02	6	450	<2	<5	<20	29	<0.01	<10	31	<10	7	24
10	Hole 9	63793	95	7.2	0.70	<5	120	<5	2.58	<1	15	68	6564	3.49	<10	0.89	934	59	0.01	8	360	<2	<5	<20	27	<0.01	<10	27	<10	8	35
11	Hole 9	63794	15	11.0	0.46	<5	100	<5	3.05	<1	14	66	>10000	3.37	<10	1.14	932	127	0.02	6	310	<2	<5	<20	30	<0.01	<10	29	<10	6	32
QC DATA:																															
Repeat:																															
1	Hole 9	63784	10	1.8	0.86	<5	120	<5	2.85	<1	10	103	2062	2.49	<10	0.82	565	14	0.03	6	400	<2	<5	<20	47	<0.01	<10	25	<10	10	20
Standard:																															
GEO'96			-	1.2	1.80	65	160	<5	1.87	<1	20	65	80	3.65	<10	0.92	695	2	0.01	20	680	18	<5	<20	61	0.08	<10	82	<10	7	67

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