9/88

ASSESSMENT REPORT

GEOLOGICAL MAPPING

AND

DIAMOND DRILLING

ON THE

UNITED TOMMY CLAIM GROUP
(33 Units)

(Tommy, Golden Gate, Waterfall and Ken Claims)

ALBERNI MINING DIVISION

BRITISH COLUMBIA

NTS 92 F/3W
Lat 49°10'06"N Long. 125°23'48"W

For:
Kerr Addison Mines Limited (owner/operator)
703-1112 W. Pender St
Vancouver, B.C. V6E 2S1

By:
Robert Potter, P.Eng.

November 10, 1987.

TABLE OF CONTENTS

I SUMMARY

The United Tommy Claim group, which comprises 33 units, is located on the west side of Vancouver Island (NTS 92F/3W). The property is held by Kerr Addison Mines under an option agreement with International Coast Minerals.

The area is underlain by upper Triassic marine andesites which have been intruded by Jurassic granodioritic intrusions and by Tertiary dacitic dykes.

Turn of the century prospecting for gold was directed toward narrow high grade fissure zones. Recent exploration by Teck (1984) outlined a broad zone of sheeted auriferous quartz veinlets with potential for bulk mineable reserves.

The Kerr Addison Program in 1987 included detailed mapping and diamond drilling. Mapping has defined the zone of sheeted quartz veinlets which in the central part of the property has dimensions of 1000 x 200 meters.

A total of 1656 meters of diamond drilling were carried out in 8 holes across the sheeted zone. Core was split in 1 meter lengths for gold determinations by fire assay. Other parameters measured were quartz vein and sulphide volume percentages. Vein densities were seen to increase significantly in and adjacent to feldspar porphyry dykes.

Results were disappointing with most samples returning values less than .07 gm per ton.

The core is stored on Mr. Ted Walkers property in Ucluelet, B.C.

II INTRODUCTION

The United Tommy property is the subject of an option agreement between International Coast Minerals Corp. and Kerr Addison Mines Limited dated November 18, 1986.

During the spring and summer of 1987 a program of detailed geological mapping and diamond drilling was carried out to assess the bulk mineable potential of a major gold bearing sheeted quartz vein system. A statement of exploration and development was filed with the Mineral Resources Division on September 17, 1987.

III LOCATION, ACCESS AND PHYSIOGRAPHY (Fig. 1)

The Tommy property lies on the east side of the Kennedy River about 30 kilometers east of the community of Ucluelet (NTS 92F/3W). Access is by way of Highway 4 west from Port Alberni. A logging road extends from the highway to the area of drilling; a distance of about 1 kilometer.

Local topography is moderate to steep with elevations ranging from 20 to 1040 meters ASL. The area is drained by deeply incised canyons tributary to Kennedy River.

First growth cedar/hemlock covers the upper slopes. The Kennedy Valley bottom is covered by a jungle of cedar, hemlock, salmonberry and alder.

IV PROPERTY (Fig. 2)

The United Tommy Claim group comprises a contiguous block of modified grid claims totalling 33 units the details of which are as follows:

Claim Name	Units	Record #	Expiry Date*
TOMMY	16	1029	97
GOLDEN GATE	6	1035	97
WATERFALL	2	1560	97
KEN	9	3216	93

Tommy, Golden Gate and Waterfall claims comprised the United Tommy group property upon signing of the Kerr/ICM agreement on November 18, 1986. The KEN Claim which was staked by Kerr Addison on April 1, 1987 is included in the agreement as per its perimeter clause. Much of this claim overlaps previously staked ground.

*Assuming acceptance of work filed on September 17, 1987.

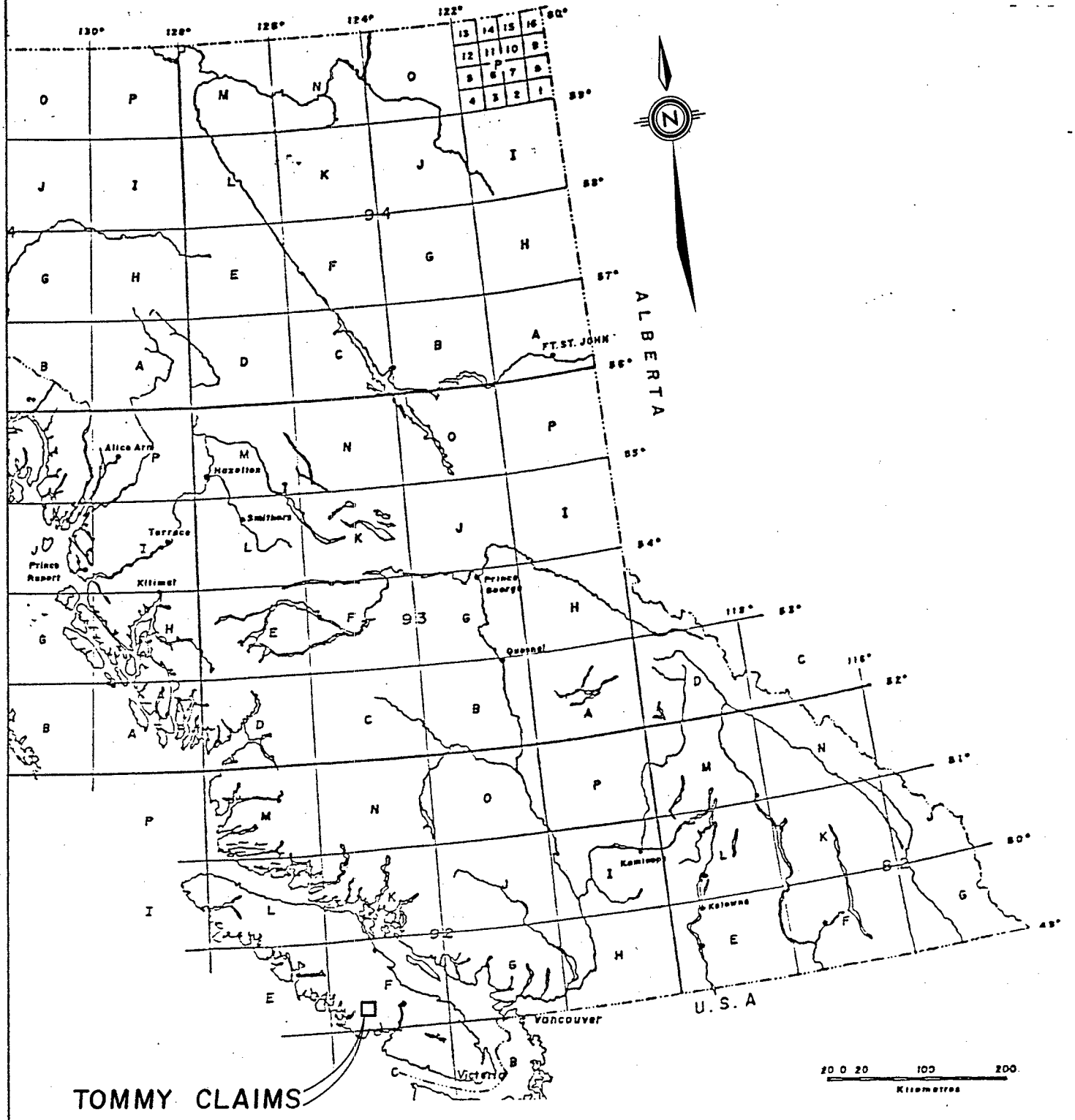


FIG. 1

KERR ADDISON MINES LTD	
TOMMY CLAIMS LOCATION MAP	
SCALE - 1 : 7 000 000	DATE - OCT., 1987
DRAWN BY - P.H.	DATA - R.P.
NTS - 92 F/3	REVISED -

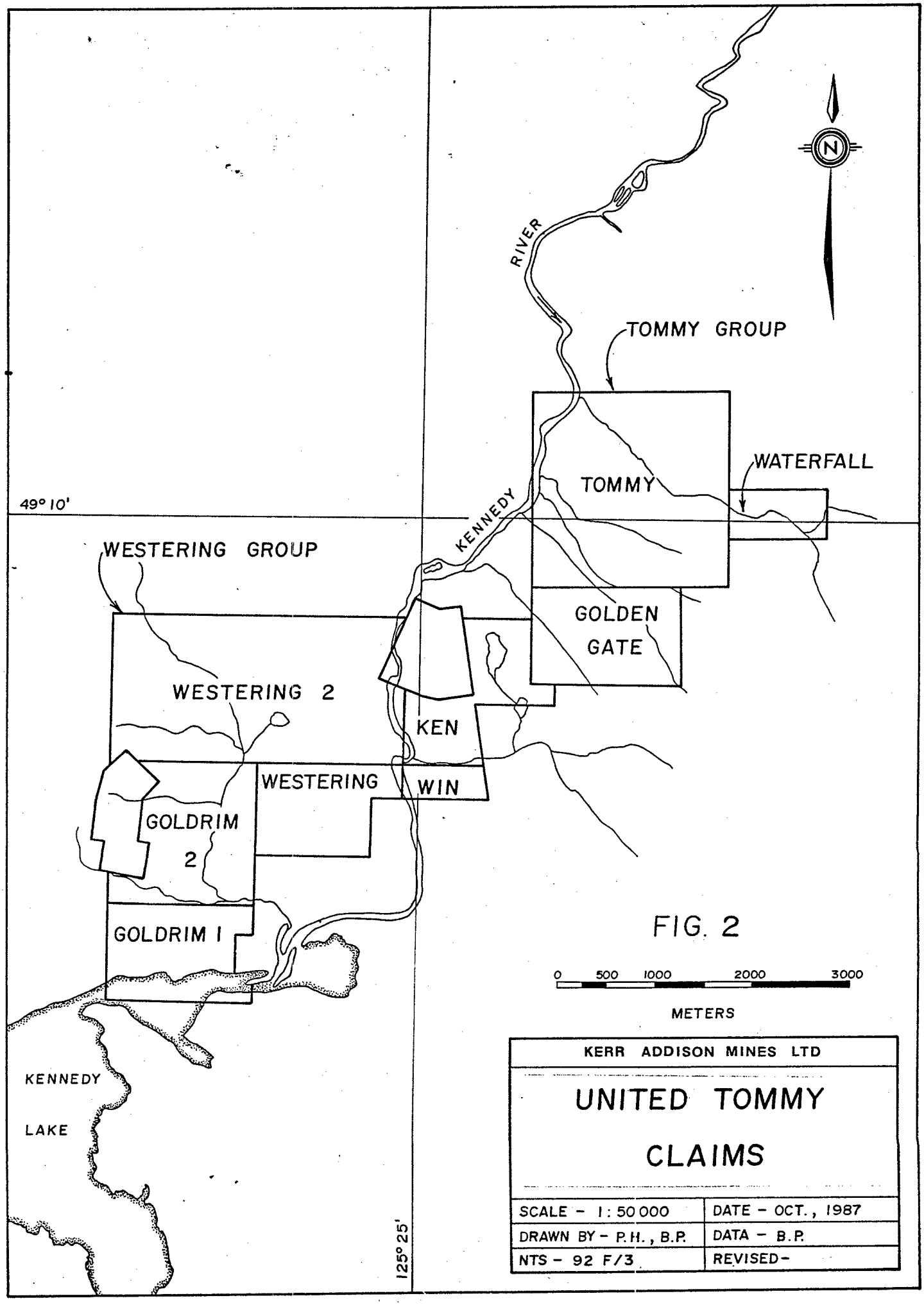


FIG. 2

KERR ADDISON MINES LTD

UNITED TOMMY CLAIMS

SCALE - 1 : 50 000	DATE - OCT., 1987
DRAWN BY - P.H., B.P.	DATA - B.P.
NTS - 92 F/3	REVISED -

V HISTORY

Exploration in the Kennedy River area during the period 1900 to 1939 is described in B.C. Minister of Mines Annual Reports. Early work was directed toward prospecting for and minor production from narrow high-grade fissure controlled quartz veins such as those of the Bear, Rose Marie, and Leora. Production from the veins of Rose Marie and Leora is reported as 436 tons grading 0.71 oz Au/t.

Recent examinations of the Tommy Claim were made by W.G. Stevenson (1980), Brown (1982) and Drummond (1984). All of these sampled and obtained gold value from the narrow planar quartz veinlets which make up the Tommy system.

In 1984 Teck Explorations carried out geological, geochemical, electromagnetic and magnetic surveys over much of the Tommy Claim on behalf of International Phoenix Energy Corporation. This work broadly describes the geology and in part outlines the limits of the extensive zone of gold bearing sheeted quartz veinlets.

The vein system was again examined by L.B. Goldsmith, P.Eng. in June of 1986.

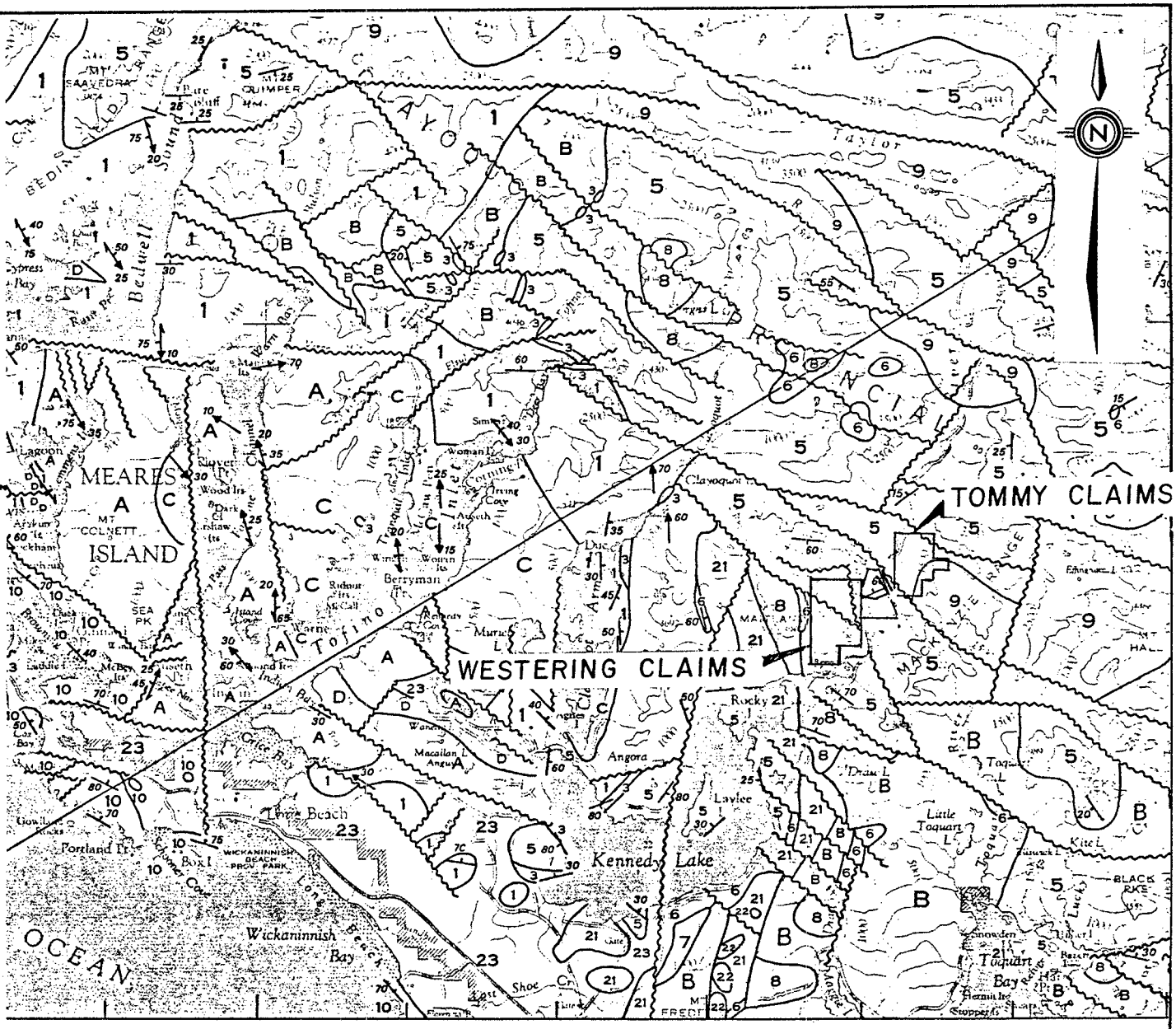
VI GEOLOGICAL SETTING (Fig. 3)

The geology of the Kennedy River area is described by Muller and Carson in G.S.C. Paper 68-50 entitled "Geology and Mineral Deposits of the Alberni Map Area:. This is accompanied by Map 17-1968.

Most of the rocks underlying the area have been assigned to the Upper Triassic to Lower Jurassic Vancouver Group. These include:

- Basaltic to andesitic marine volcanics of the Upper Triassic Karmutsen Formation.
- Massive limestones of the Upper Triassic Quatsino Formation.
- Argillites, limestones, and andesites of the Lower Jurassic Bonanza Subgroup.

Of these the Karmutsen rocks are the most widespread. Quatsino limestone is found locally as remnants capping mountain tops and as fault bounded slices at lower elevations.



TERTIARY

22 Rhyolite to Dacite tuffs and breccias

21 Quartz Diorite , Quartz Monzonite , porphyritic Dacite

JURASSIC

9 Island intrusions : Granodiorite , Quartz Diorite

MID JURASSIC – UPPER TRIASSIC

VANCOUVER GROUP

8 Bonanza sub-group : Andesites , minor Sediments

6 Quatsino Formation : Limestone

5 Karmutsen Formation : Basalts and Andesites

PENNSYLVANIAN – SICKER GROUP

1 Volcanic tuff breccias , Schists.

Excerpt from map 17-1968

Geology : Alberni area

by : J E Muller

FIG. 3

0 1 5 10

KM

KERR ADDISON MINES LTD	
REGIONAL GEOLOGY	
SCALE - 1 : 250000	DATE - NOV., 6, 1987
DRAWN BY - J.E.M.	DATA - R.P.
NTS -	REVISED -

Two periods of intrusive activity are recognized. During Jurassic time quartz diorites and granodiorites were emplaced. Tertiary intrusions include quartz diorite, quartz monzonite and porhyritic dacite. Related Terticary volcanics include rhyolitic to dacitic tuffs and breccias.

Vancouver Group rocks are moderately folded in the Kennedy River area. Dominant fault directions are north-westerly, northerly, and north easterly.

VII 1987 PROGRAM

To facilitate mapping an orthophoto base map was prepared at a scale of 1:5000 by Delta Aerial Surveys of Richmond, B.C. using available government photography. This covers the United Tommy claims and adjacent ground. A one kilometer square central area of interest on Tommy was expanded to 1:1000.

A further aid to mapping was provided by a grid of lines cut over the central area of interest. The base-line, designated 50E, is cut parallel to the general 045° strike of the quartz vein system for a distance of 2 kilometers. Cross lines spaced at 200 meters extend to the south east for 1 kilometer to a tie line designated 60E. Stations are picketed at slope corrected 25 meter intervals. In practice numerous deviations from this layout were dictated by impassable terraine.

In all, 14 kilometers were cut under contract by Van Alphen Exploration Services of Smithers, B.C.

Drill hole locations are tied to a net of 20 transit/chain stations with a base station TT01 (9002 N, 5004 E) located on the road below the old adit. Table 1 gives the co-ordinates of transit stations and drillhole collars.

Geological mapping was carried out on the property at a scale of 1:1000 during April and May.

An NQ diamond drill program totalling 1656 meters was carried out by Advance Diamond Drilling during the period July 6 to October 6.

Drill core was logged prior to splitting and sampling of one meter intervals. Assays were carried out by Chemex Labs of North Vancouver, B.C. as per procedures described in Appendix I.

TABLE 1

CO-ORDINATES OF TRANSIT STATIONS AND DRILL HOLES

Transit Station	Lat	Ded	Elev.
TT01	9002.00	5004.00	62.00
TT02	8973.72	4975.65	64.83
TT03	8942.11	4980.56	66.59
TT04	8905.26	4956.22	71.76
TT05	8870.18	4968.15	76.93
TT06	8825.94	5002.40	88.80
TT006A	8828.63	4992.60	
TT07	8813.37	5027.60	101.06
TT08	8808.30	5043.74	109.57
TT09	8861.29	5041.23	120.11
TT10	8876.12	5039.17	116.30
TT11	8973.53	5036.13	76.58
TT12	8952.55	5048.01	84.63
TT13	8911.46	5039.64	100.95
TT14	8932.60	5079.02	99.34
TT16	8852.55	4935.44	67.60
TT17	8903.68	4924.04	56.69
TT18	8933.08	4911.53	45.76
TT19	8953.80	4905.16	41.17
TT20	9026.15	4939.42	50.34

Drill Hole	Lat.	Dep.	Elev.	Length	Az	Dip
T87-1	8985.71	5009.60	64.91	157.77	130.83	-10°
2	8901.97	4961.90	72.34	197.21	125.30	-30°
3	8816.89	4901.02	31.70	31.7	130.44	-30°
4	8784.59	4847.36	79.65	225.47	135.47	-28°
5	9198	4984	20	273.41	273.41	-32°
6	8810	4578	39	352/65	130.0	-10°
7	8985.5	5009.55	64.20	212.45	133.0	-40°
8	9198	4984	20	192.94	088.0	-27°

TABLE 2

LITHOLOGIC UNITS FOUND ON OR NEAR TOMMY CLAIMS

TERTIARY:

QV_T	Sheeted quartz veins with gold: Coarsely crystalline quartz with 10-20% calcite 0-2% pyrite, pyrrhotite, chalcopyrite, arsenopyrite. Planar, .1 to 10cm thick, average 1cm.
22	Dacitic Lapilli Tuff: cut by QV_T Exposed outside of property on west side of Kennedy River.
21	Dacitic Feldspar Porphyry: Spatial relationship to QV_T Numerous dykes in area of 1987 drilling.

MIDDLE TO UPPER JURASSIC:

9	Island Intrusions: Hornblende granodiorite.

UPPER TRIASSIC:

7	Bonanza Subgroup - Sedimentary Division Argillite.
6	Quatsino Formation: Massive coarsely recrystallized limestone.
5	Karmutsen Formation: Andesitic breccias, lapilli tuffs, tuffs and both massive and pillowed flows. Host to QV_T.

**Numbers refer to units described by Muller (1969).

VIII PROPERTY GEOLOGY (Fig. 4 & 5)

Table 2 presents a list of lithologic units found on or near the Tommy Property.

The oldest and most widespread rocks are submarine volcanics of the Karmutsen Formation. These are massive, dark green, pervasively chloritized andesites which include a variety of textural types. The central and northern part of the property is underlain by massive andesite breccias (Abx) and lapilli tuffs (Alt). Overlying these to the south and east are andesitic tuffs (At) and flows (Afg). Textures tend to be obscure except where rocks have been polished by stream action or etched by organic soil acids. Hence the central area which is mapped on surface as being entirely breccias and lapilli tuffs is shown by drilling to be a more complex assemblage of breccias with interbedded tuffs cut by numerous feldspar porphyry dykes.

Clear evidence of bedding is found in the fine grained tuffs south of Canyon Creek. Relatively flat bedding here coupled with the contract trace of fine and coarse assemblage andesites suggests that the Karmutsen rock are gently folded locally.

At the southwest corner of Golden Gate Claim Karmutsen andesites are in fault contact with granodiorite assigned to the Upper Jurassic Island Intrusions. Within a 150 meter wide contact zone the granodiorite is intensely sheared and sericitized.

To the south within the Ken Claim the granodiorite is in contact with coarsely recrystallized Quatsino limestone. The limestone and adjacent argillites of possible Bonanza sub-group affiliation appear to have a fault contact relationship with fine grained andesites on the south side of the Ken Claim.

North westerly trending faults are recognized along Canoe Creek, Adit Creek and south of Canyon Creek. Fault zone exposures typically show intense shearing with local sericitization, silicification and pyritization over widths of 1/2 to 2 meters.

The Tommy quartz vein zone is a broad feature trending northeasterly with gross dimensions of about 1400 x 400 meters. Within this broad zone, narrow planar quartz veinlets are developed in a steeply dipping sheeted pattern. The veinlets vary in thickness from .1 to 10cm with modal thickness in the .5 to 1cm range. Vein densities within the broad zone vary from near zero to something over 4% by volume. The variability of vein densities is shown clearly on the drill sections which include histograms of the vein percentage which makes up each sampled meter of core. Subzones of apparent high vein density can be projected from these. The subzone of most interest is that which extends from the vicinity of the adit south west across Canyon Creek to the hill top on line 96 north. This has a length of about 600 meters and a maximum width of about 200 meters. Average vein density within this feature is slightly less than 2%.

Individual veins comprise coarsely crystalline quartz, about 10% calcite and up to 2% sulphides which in order of decreasing abundance include pyrrhotite, pyrite, chalcopyrite, arsenopyrite and sphalerite. Vein widths vary from less than 1mm to several centimeters with a modal thickness of about 1 centimeter. These veins are characteristically smoothly planar and persistent along strike and down dip for tens of meters.

The Karmutsen host rocks are pervasively chloritized on a regional scale. Disseminated pyrite within the Karmutsen is commonly converted to pyrrhotite within the vein zone. With the exception of very localized silicification there are no alteration haloes associated with the quartz veins.

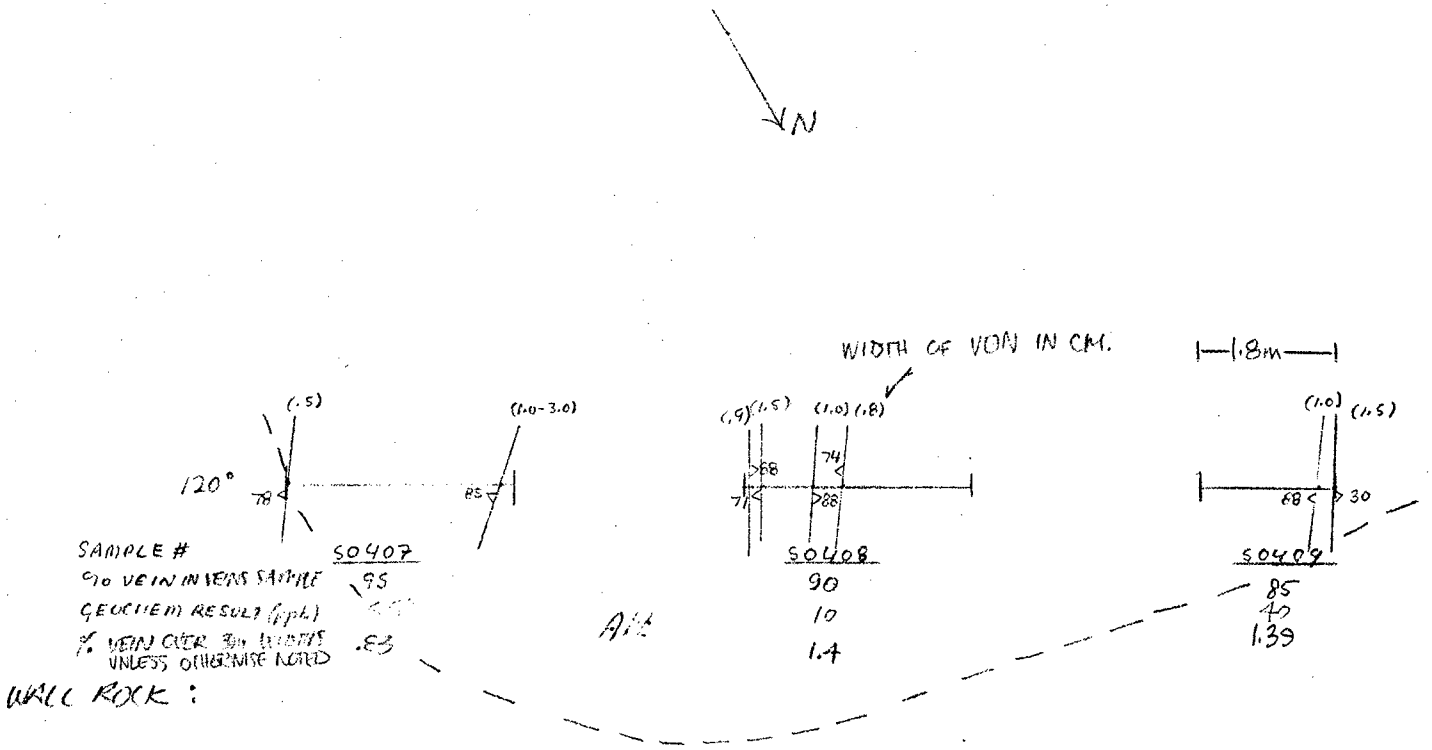
Of significance in the dating of structures and mineralization on the Tommy Claims is an exposure of dacitic lapilli tuff which lies along the Kennedy River west of Ken Claim. This is lithologically and texturally similar to rocks of Tertiary age which were recognized by Muller and Carson in the Kennedy Lake area to the south. This local lapilli tuff is cut by the same type of steep, northeast striking, planar quartz veinlets which characterize the Tommy quartz vein system.

IX DRILLING AND SAMPLING RESULTS

Figures 6 to 9 show the locations geometry and results of detailed surface sampling of the quartz veins exposed along Canyon Creek and along grid line 96 north. Samples comprise material from veins over three meter widths. Figures are given for vein percentages over these widths as well as fire assay determined gold content. The maximum value obtained was 845 ppb Au from sample 50413 on line 96 north. Only one sample on Canyon Creek returned a value greater than 100 ppb (#5042; 285 ppb Au).

Drill hole locations are shown on Fig. 5. Detailed logs are given in Appendix I. Included in the logs are details of lithology, vein geometry and density, and assay data. Figures 10 to 15 are sections along drill holes which present lithology, sampled intervals and results, and vein density histograms.

One meter sampling was continuous in holes 1 to 5. In holes 6 to 8 samples were only taken of those 1 meter intervals with a vein density greater than 2%.



CANYON CREEK (TOMMY)
(WEST OF STN 9, ON HILL SLOPE)

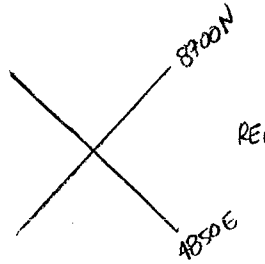
SCALE 1:100

0 1 2 3 4

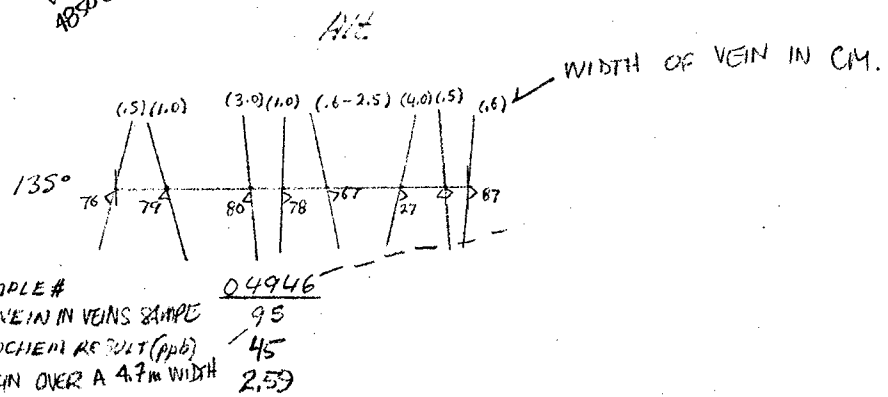
METERS

FIGURE 6
UNITED TOMMY
DETAILED VEIN SAMPLING
(Canyon Creek)
Scale - 1:100
S. Seto July, 1987

CANYON CK (Tommy)



REFERENCE TO FIG 5



FALLS

CREEK

WALL ROCK:

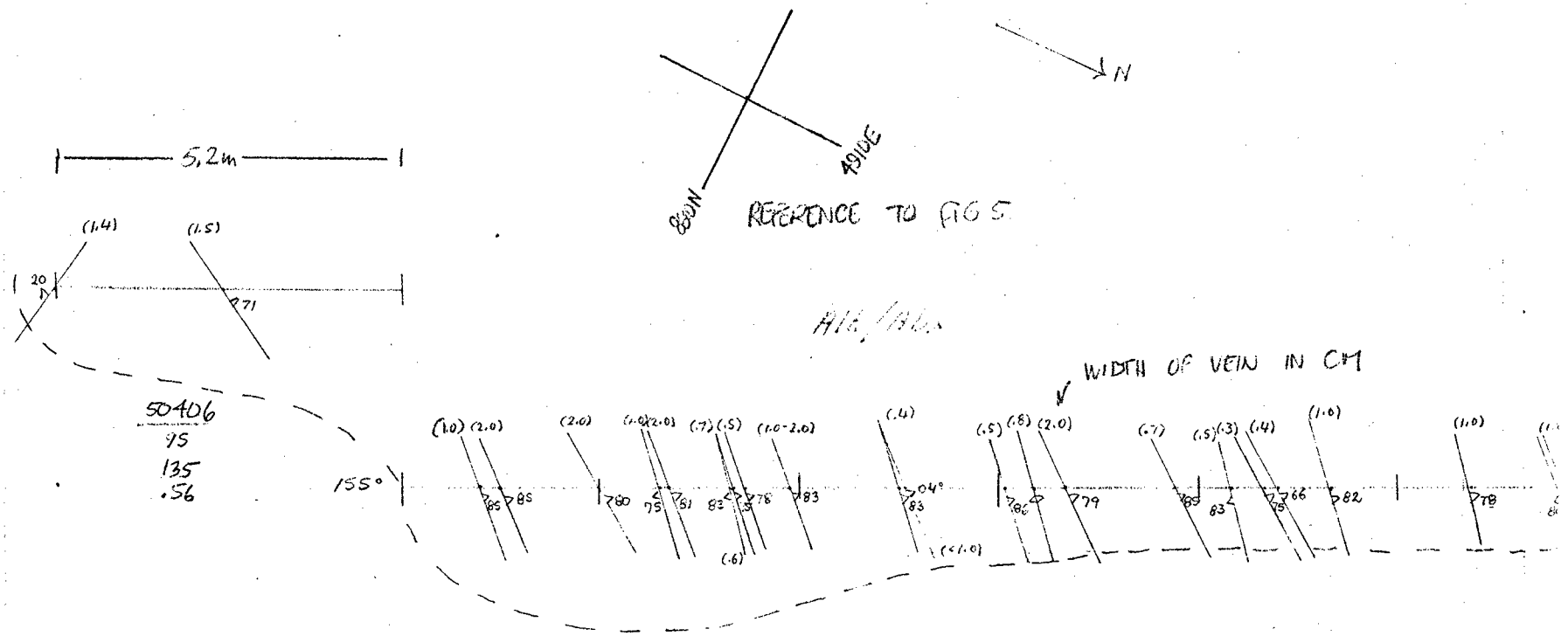
N

STN MAY 8-10

SCALE 1:100

0 1 2 3 4
METERS

FIGURE 7
UNITED TOMMY
DETAILED VEIN SAMPLING
(Canyon Creek)
Scale 1: 100
S. Seto, July, 19



50405	50404	50403	50402	50101	04950
95	95	>95	95	85	95
<5	95	<5	285	5	20
1.67	1.58	.12	1.33	.73	1.77

WALL ROCK :

CANYON CREEK (Tommy)

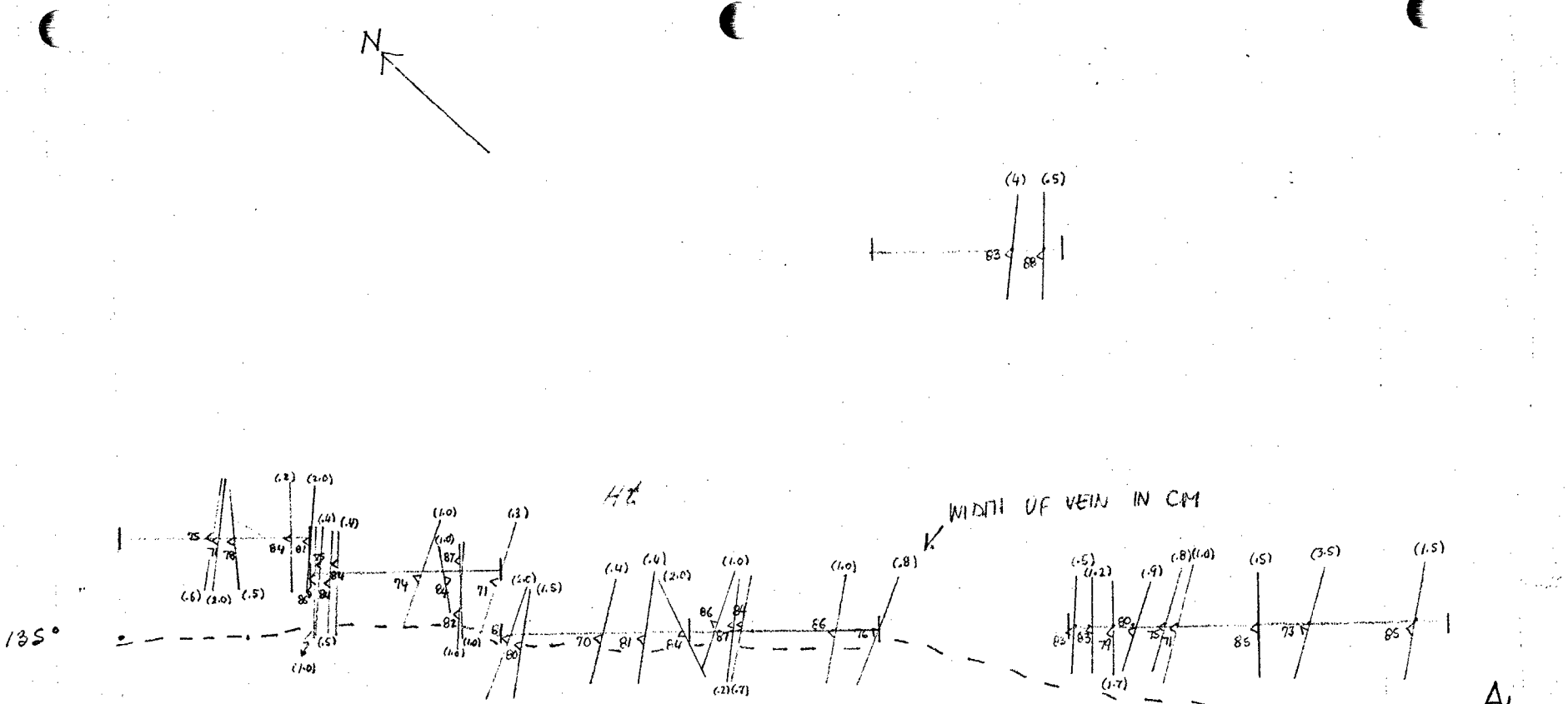
8

SCALE 1:100

0 1 2 3 4

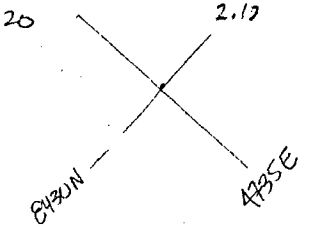
METERS

FIGURE 8
UNITED TOMMY
DETAILED VEIN SAMPLING
(Canyon Creek)
Scale - 1:100
S. Seto July, 1987



SAMPLE #	50413	50414	50415	50416	50417	50418	50419
% VEIN IN VEINS SAMPLE	85	85	75	75	>95	75	93
GEOCHEM RESULT (ppb)	B·15	B5	<5	<5	<5	<5	<5
% VEIN OVER 3m WIDTHS UNLESS OTHERWISE NOTED	1.77	2.20	2.17	1.23	1.50	2.03	1.83

WALL ROCK : ANDESITE TUFF



REFERENCE TO FIG 5

(AT L96+00N 54+25E TO 96+00N 54+58E)

SCALE 1:100

0 1 2 3 4

METRES

FIGURE 9
UNITED TOMMY
DETAILED VEIN SAMPLING
(L 96+00N 54+25E)
Scale 1:100
S. Sato JULY, 1967

DRILLING HIGHLIGHTS

Fig. 10, Holes T87-1 & 7

Hole 1 was collared at -10° to intersect the main vein zone below the old adit. It cuts a section which is predominantly coarse andesite breccia with some andesitic lapilli tuff. The upper section of this hole cuts some discontinuous units of fine grained tuffs.

Steeply dipping planar quartz veins typical of the Tommy sheeted swarm ("T type") are present throughout the hole. The main vein swarm extends from about 32 meters to beyond the 170 meter total depth. Average vein density here is about 2%. A section of higher vein density is evident between 83 and 142 meters. This section averages about 2.5% quartz vein.

Gold assay returns of continuous 1 meter sampling are low throughout. Highest values were obtained from the 83 to 142 meter interval. Of 59 one meter samples assayed here 16 were found to run greater than 0.07 gm/t gold. These ranged from 0.14 to 1.78 with an average of 0.55 gm/t.

Hole 7 was drilled below hole 1 at a -40° dip.

The lithologies are again coarse andesite breccias and lapilli tuffs. Fine grained andesite sections are scattered throughout the hole but do not correlate well with similar units in hole 1. A dacitic feldspar porphyry dyke is cut between 180.5 and 190 meters. Similar dykes are prominant features in holes 2 to 8.

T type quartz veining is spread throughout hole 7. This averages between 1.5 to 2%. A slightly better than average section occurs between 84 and 165 meters.

Samples were split only from meter lengths with vein densities greater than 2%. The best results were obained from the 81 meter interval between 84 and 165 meters. Of 24 samples taken here 7 returned values greater than 0.07 gm/t in the range 0.14 to 2.26 gm/t gold.

Fig. 11 - Hole T87-2

This hole cuts a volcanic section dominated by andesite breccias down to 142 meters and fiNe grained andesite below this. The volcanics are cut by fresh feldspar porphyry dykes between 64 and 125 meters and again between 165 and the end of the hole at 197 meters. Core intersections indicate that the dykes are steeply dipping.

Quartz veining occurs throughout the hole with a relatively well defined swarm between 2 and 146 meters. Average density here is again about 2%. The veining shows a notable increase in density in and adjacent to feldspar porphyry dykes.

Continuous 1 meter samples returned only 8 with gold in excess of 0.07 gm/t and a high value of 0.82 gm/t.

Hole 87-3

Stopped in caving overburden at 31.7 meters.

Fig. 12 - Hole T87-4

Hole 4 was drilled to test the vein swarm just north of Canyon Creek. The andesitic volcanic section is coarse breccia to about 40 meters, fine grained to 159 meters and coarse breccia again to the bottom of the hole at 225 meters. Numerous feldspar porphyry dykes cut the volcanics down to 159 meters.

Quartz veining is scattered throughout the hole. Densities commonly exceed 4% in and adjacent to dykes. Of 226 one meter samples only 21 exceeded a 0.07 gm/t gold content. These ranged from 0.14 to 1.78 gm/t.

Fig. 13 - Hole T87-3

Hole 5 was drilled to test the northern extension of the vein zone. The first 193 meters cut a massive section of coarse andesite breccia. These are cut by several feldspar porphyry dykes. The lower section 220 to 273 meters cuts fine grained andesite. The contact zone between upper and lower units is invaded by porphyry dykes and is cut by a fault zone.

Quartz veining is concentrated within porphyry dykes and the fine grained andesite.

Of 273 one meter samples assayed only 16 exceed 0.07 gm/t gold. The highest of these 1.82 gm/t was from the faulT zone at 213 meters.

Fig. 14 - Hole 6

Hole 6 is a long (353 m) and flat (-10°). It was drilled to test the south end of the vein swarm. The volcanic section here comprises andesitic crystal lithic tuffs, lapilli tuffs and fine grained tuffs. Andesite breccias are absent.

The wide diffuse nature of the quartz vein zone is well illustrated in this hole. Average vein density of the entire hole is about 1%. A notable concentration occurs in and adjacent to porphyry dykes near the top of the hole.

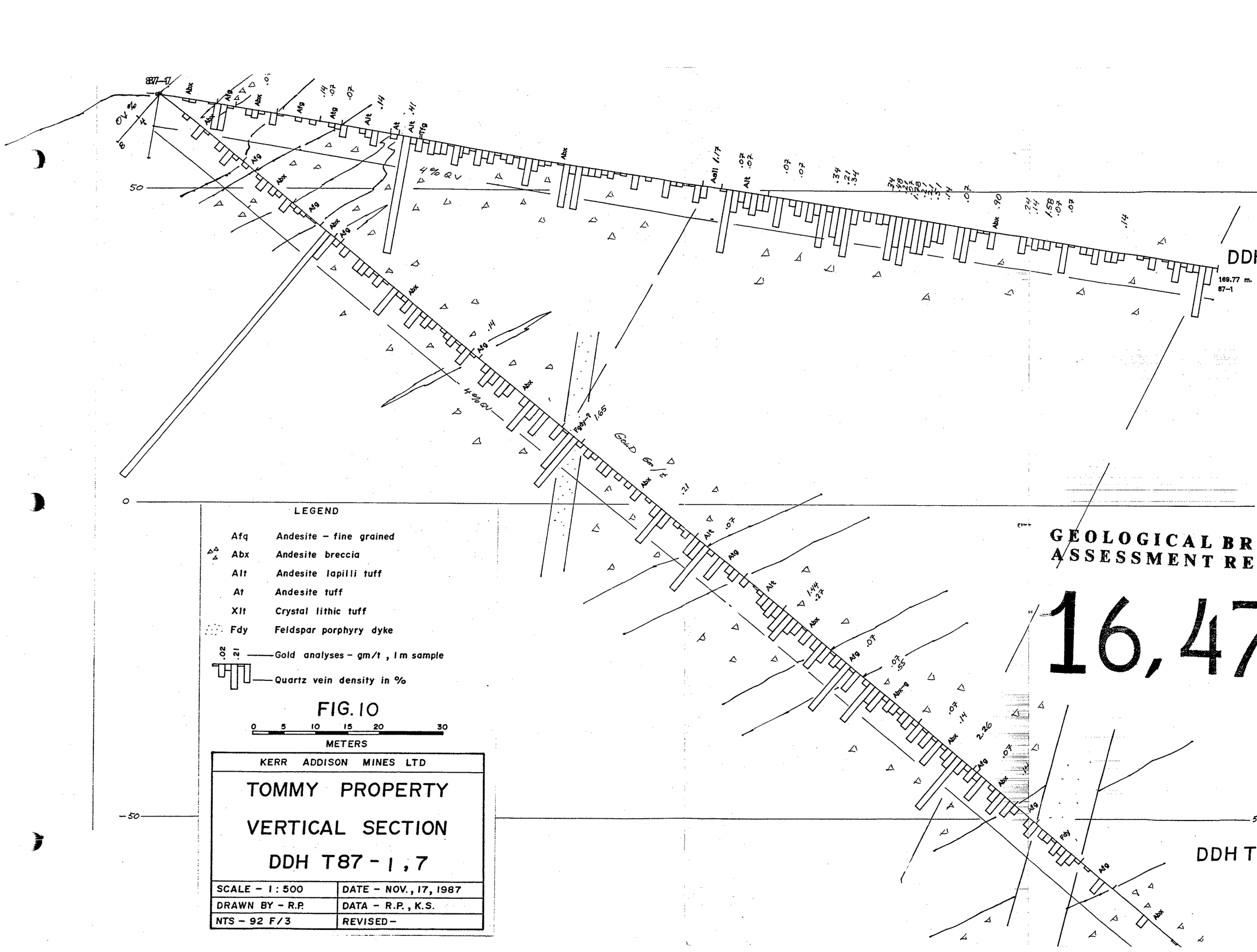
Samples were taken only of core with quartz veining greater than 2%. Of 52 samples split only 1 returned a value greater than 0.07 gm/t (1.71 gm/t).

Fig. 15 - Hole T87-8

Drilled to test the north extension of the vein zone. The entire volcanic section of this hole is coarse andesite breccia. Five feldspar porphyry dykes intrude the volcanics.

Veinn density is markedly lower than in sections drilled to the south. Again relatively dense veining is associated with dykes.

Twenty-nine samples were split from core exceeding a 2% quartz vein cut-off. None of these returned values in excess of 0.07 gm/t gold.



4950 E

5000 E

5050 E

5100 E

50 m

0

87-2

197.21 m.
87-2

LEGEND

	Afq	Andesite – fine grained
	Abx	Andesite breccia
	Alt	Andesite lapilli tuff
	At	Andesite tuff
	Xlt	Crystal lithic tuff
	Fdy	Feldspar porphyry dyke

.02 2 —— Gold analyses – gm/t , 1m sample

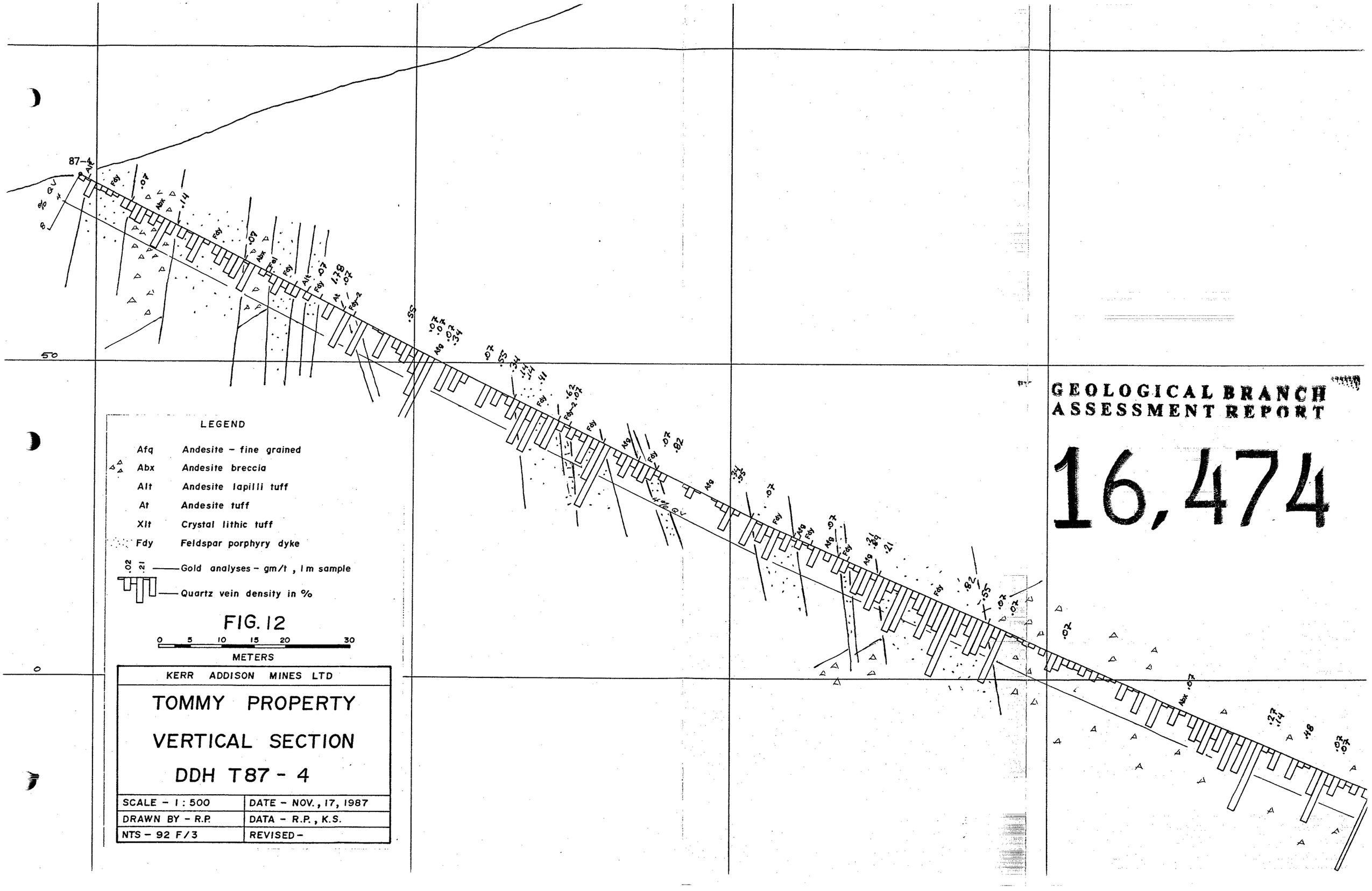
—— Quartz vein density in %

FIG. 11

0 5 10 15 20 30

METERS

KERR ADDISON MINES LTD	
TOMMY PROPERTY VERTICAL SECTION DDH T87 - 2	
SCALE – 1 : 500	DATE – NOV., 17, 1987
DRAWN BY – R.P.	DATA – R.P., K.S.
NTS – 92 F/3	REVISED –



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,474

5000E

5050E

5100E

5150E

50 m

0

- 50 m

87-8

QV 4%

Abx

Fdy

.07

4% QV

192.93 m.
87-8

LEGEND

	Afq	Andesite – fine grained
	Abx	Andesite breccia
	Alt	Andesite lapilli tuff
	At	Andesite tuff
	Xlt	Crystal lithic tuff
	Fdy	Feldspar porphyry dyke
.02 21		Gold analyses – gm/t , 1m sample
		Quartz vein density in %

FIG. 15

0 5 10 15 20 30

METERS

KERR ADDISON MINES LTD

TOMMY PROPERTY

VERTICAL SECTION

DDH T87 - 8

SCALE – 1 : 500	DATE – NOV., 17, 1987
DRAWN BY – R.P.	DATA – R.P., K.S.
NTS – 92 F/3	REVISED –

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: July 6/87 | DATE COMPLETED: July 12/87

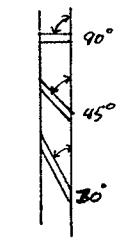
	DEPTH	DIP	AZ.
	0.00	10°	130.83
	60.96	8.7°	130.83
	121.92	8.5°	130.83
	169.77	9.5°	130.83

LENGTH: 169.77 | ELEVATION: 64.91 | NORTHING: 8985.71 | EASTING: 5009.60

PROPERTY: TOMMY | CORE SIZE: NQ | SCALE OF LOG:

HOLE No.: T87-1 | SHEET No. 1 of 10 | LOGGED BY: RP/KS | DATE:

CORE ANGLE DEFINITION



Metres From – To	Rock Type and Textures, Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	♦ V.G.	Size V.G. mm	VEIN ENVELOPES: Thickness	% Si	% Sulph	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopyrite	% Pyrrhotite	% Pyrite	Meter Blocks / BOXES	Est. core rec. 1 = 100 %	ASSAY: FROM SAMPLE No. TO	Sample Length	No Vn	% Vn	%Sulph	Au g/t
0.00 – 9.30	ANDESITE FLOW BRECCIA: (Abx) – Light grey green frags – 1 to 5 cm, max 10 cm					Q	K1	85	3	4.91			3	1	10	10	2		2				tr		✓	0 50351	1.0	0	0	1opo	<.07
						Q	2	85	3	4.96									tr				tr		1.68	1 50352	1.0	0	0	10po	.07
						Q	4	85	3	5.03									tr				tr			2 50353	1.0	0	0	1opo	<.07
						Q/c	2	85	2	8.13			1	1	0								1		✓	3 50354	1.0	0	0	tr	<.07
UNIT 1	– Darker green fragmental matrix. – Pervasive chloritization – Light patches of fine material attired to calcite and epidote – Fine pyrite scattered throughout																								3.20	4 50355	1.0	2	.3	.5	<.07
																									✓	5 50356	1.0	1	.4	tr	<.07
																										6 50357	1.0	0	0	1.0	<.07
																									4.72	7 50358	1.0	0	0	tr	<.07
																									✓	8 50359	1.0	1	.2	.75	<.07
9.30 – 12.30	BRECCIATED ANDESITE: (Afg) Fine grained, Dark grey grn with light green to white breccia matrix					Q/c	6	85	2	9.30						5	2		5				1			9 50360	1.0	4	3.3	.7	<.07
						Q/a	1	90	2	9.70						2							0		6.25	10 50361	1.0	0	0	1.25	<.07
						Q/a	1	90	2	9.71													0		✓	11 50362	1.0	1	.3	1.0	<.07
						Q/a	25	85	2	9.76													0			12					
UNIT 2	Fractures and matrix calcareous ~1% pyrite in matrix and along frac.					Q/a	3	85	2	11.66						5							0		7.77						
																									✓						
	pervasive chloritization																								9.30						
																									✓						
																									10.97						
																									✓						

BOX 1 | BOX 2 | 5.6 | 11.1

T87-1

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. ~~B21-1~~ SHEET No. 2 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G.	Graphic-veins: Size V.G. mm.	VEIN ENVELOPES: Thickness	VEIN ENVELOPES: % Si	VEIN ENVELOPES: % Sulph.	% Chlorite	% Epidote	% Quartz	% K spar	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No Vn	% Vn	% Sul	Au g/T		Ag ppm
12.30 – -18.93	ANDESITE FLOW BRECCIA: (Abx) Light grey green Notable sections of light green to white, chalcedonic siliceous, slightly calcareous with some epidote (possible fg sil tuff or chem precip horizons) Not "dessication" tex at 14.7 ~1% pyrite diss and along frac Rusty open frac @ 15.5 Numerous early (1°) calcareous frac.	30				Q	6	80	3	14.46						5	1			2				1		12							
																0				2				1		12.50	50363	1.0	0	0	2.3	<.07	
						Q/B	2	70	2	14.80						0				50				41		13							
																0				2				1		✓	50369	1.0	0	0	2.0	<.07	
						Q	10	60	3	15.1						2				2				41		14							
UNIT 3						Q/C	4	70	3	16.6						5				10				41		14.02	50365	1.0	2	.8	tr	.27	
						Q/C	15	60	3	18.65						5				3				41		15							
																										80	50366	1.0	1	1.0	1.0	<.07	
																										16							
																										14.48	50367	1.0	1	.4	1.1	<.07	
																										17							
																										✓	50368	1.0	0	0	.8	<.07	
																										15.85							
																										18							
																										✓	50369	1.0	1	1.5	tr	<.07	
																										19							
																										16.7							
																										17.37							
																										✓							
																										18.90							
18.93 – -25.87	ANDESITE FLOW: (Afg) Predominantly fine grained dark green, massive – Patches of mottled white to light green siliceous material (precipitate?) – Diss. pyrite throughout – Numerous calcareous frac & vlts (1°)															10	2			2				1		✓							
						Q/B	2	85	2	19.1								40		60				2		20.42							
						Q/C	5	70	3	22.6								65		35				0		✓							
						Q/C	6	80	2	25.3						5		35		60				tr		19							
UNIT 4																										21.95	50370	1.0	1	.2	.2	<.07	
																										20	50371	1.0	0	0	tr	<.07	
																										22.2							
																										✓	50372	1.0	0	0	.5	<.07	
																										21							
																										22	50373	1.0	0	0	.5	<.07	
	25.65 – 25.87 Prominent siliceous patch White to pink to green Qtz, epidote, K spar																5	60	20	5				0		23.47							
																										✓	50374	1.3	0	0	tr	<.07	
																										24.3	50375	1.0	1	.6	tr	.14	
																										25.3							
	? Quiescent intrusive?																									24.99	50376	1.0	0	0	tr	.07	.
																										✓	26.3						
																										26.52							

Box 3 Box 4 Box 5

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. ~~B21-1~~ TB7-1 SHEET No. 3 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav/Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G.	Graphic-veins: Size V.G.mm.	VEIN: Thickness	VEIN: Enuelo Pes % S:1	VEIN: % Sulph.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No Va	%Va	%Sul	Au g/t		Ag ppm
25.87 – 29.40	GRADED ANDESITE TUFF: (Atg) Progressive graded bedding from fg at top to lap tuff at arbitrary base. Dark grey green slashed by numerous light calcareous wits (1°). Distinct bedding at top 20°		20			Q/c	5	85	3	27.5						10			25				<1		✓	26.3 50377	1.0	0	0	tr	<.07		
			20			Q	6	55	3	28.4						<1	75		10				tr			27.3 50378	1.0	1	.5	.3	.07		
UNIT 5						Q/c	5	55	3	29.6						2	75		20						27.85	~~28.3~~ 50379 29.3	1.0	1	.6	.5	<.07		
	Fine diss py throughout <1%																								✓								
	Probably represents settling of debris after rapid deposition of chaotic tuff unit below																								29.41								
																									✓	~~29.3~~ 50380	1.0	3	1.5	.5	<.07		
																										30.3 50381	1.0	0	0	.8	<.07		
29.40 (arbitrary)	ANDESITE LAPILLI TUFF (Alt)					Q/c	2	70	2	28.8						<1		45	55	0				Box 6	30.94	31.3 50382	1.0	0	0	.8	<.07		
						Q/c	8	80	3	29.85						2			15	0						~~32.3~~ 50383	1.0	1	.6	2.0	<.07		
– 37.20	Coarse chaotic lapilli tuff – Light green to buff, angular to flattened fragments – Dark green fg matrix – 1% pyrite dics both in frags and matrix					Q/c	6	30	3	33.0									15	tr		tr	1		✓	33.3 50384	1.0	1	1.0	tr	<.07		
						Q	10	55	3	33.75									5	tr		tr	tr			34.3 50385	1.0	3	1.9	.2	.14		
UNIT 6						C	6	60	3	34.35						<1		30	10				tr		32.61	~~35.3~~ 50386	1.0	0	0	tr	<.07		
						Q	1	70	2	34.7						tr			70	tr		tr	tr		✓	36.3 50387	1.0	0	0	.3	<.07		
						Q	12	90	3	35.1						tr			5	2		2	2			37.3 50388	1.0	1	.6	tr	<.07		
						Q/c	6	85	3	38.25							1		20	tr		tr			33.4	34.14	~~38.3~~ 50389	1.0	0	0	.3	<.07		
37.20 – 38.50	ANDESITE TUFF: (Alt) Dark grey, fine grained bedded (40°) fine diss py:		40																					Box 7	35.46								
UNIT 7															10	1									✓	39.3 50390 40.5	1.2	0	15	tr	.41		
38.50 – 39.93	ANDESITE LAPILLI TUFF (Alt) Buff to light green mottled, possible alteration halo to vein below. "Feather texture"																								37.19 ✓								
UNIT 8																									38.71								
																									38.8 50								

T87-1

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. ~~B-21-1~~ SHEET No. 4 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G. mm.	VEIN ENVELOPES: Thickness 1 meter?	% S.I.	% Sulph.	% Chlorite	% Epidote	% Quartz	% Fsco	% Carbonate	% Sulphides	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	%Sul.	Au 3 g/T		Ag ppm
39.93 – 40.39	QUARTZ VEIN (QV) Coarse textured, white with py, cpy, po, arseno?					Q	150	?	3					10	1	1		98		2		1	?	1	1		39.93							
																											90							
	Broken core. Some loss reported by driller																										40.39							
40.39 – 41.91	ANDESITE LAPILLI TUFF: (Alt)													10	1	3				2					1		40.84							
																											✓							
UNIT 8 cont	Buff to grey. Possible lobes alteration envelope to QV					Q	8	55	3	41.40								70		30							~~42.5~~							
						Q	7	70	3	41.65								95		2				2			41.15	50393	1.0	2	.6	.5	<.07		
						Q	1.5	60	3	41.75								60	20	20					2			43.5 50394	1.0	2	1.7	.3	<.07		
						Q	7	80	3	41.85				4	–	–											80	44.5 50395	1.0	2	.8	.8	<.07		
																											41.91	~~45.5~~ 50396	1.0	2	1.4	tr	<.07		
41.91 – 42.16	TRACHYTE: (Tfg)					Q	4	60	3	42.08										1					2										
						Q	2	60	3	42.10															2		✓	46.5 50397	1.0	0	0	tr	<.07		
UNIT 9	Light pink, fine grained fine disc pyrite					Q	3	60	3	42.15																		47.5 50398	1.0	4	3.1	tr	<.07		
																											43.28	~~48.5~~							
																											✓	50399	0.5	0	~~0~~ 1.4	tr	<.07		
						Q	2	60		42.50										10					1		44.30	49.0 50400	1.0	2	1.6	tr	<.07		
42.16 – 87.18	ANDESITE FLOW BRECCIA (Abx)					Q	4	75	3	42.75						10				1			tr		2		44.8	50							
						Q	10	70	2	43.35							10		60	20	20					2										
	Coarse angular lt green flags in dark green fragmental matrix					Q	8	50	2	43.96								50	20	20					2										
						Q	14	80	3	44.40							10	80	0						3		✓								
						Q	3	85	3	45.45								80																	
UNIT 10	Chloritization concentrated in matrix					Q	5	85	3	44.61								80							5										
						Q	8	85	3	44.86								80																	
	Minor diss. pyrite Hard core, mod. silic on primary silica Numerous early calc and qtz/feld vns					Q	3	85	3	45.18								60		40	tr														
						Q	12	70	3	45.65								60		40															
						Q	2	70	3	46.16								80		20								45.87							
						Q	8	45	2	47.55								70	30	0						2		✓							
						Q	3	40	3	47.61								75		25						1		47.40							
																												← Shows clean x cutting of 2° by 3°							
	Early qtz/feld veins with fine fractures invaded by chlorite					Q	4	80	3	47.80								100		0	0							✓							
						Q	10	80	3	47.83								100		0	0														
						Q	14	80	3	47.60								75		25	tr			tr	tr										
						Q	8	65	2	49.25								75	25									48.92							
						Q	8	80	3	49.44								100																	

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 5 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	# V.G.	Size V.G. mm.	VEIN: Thickness	% Sil.	% Sulph.	% Chlorite	% Epidote	% Quartz	% Feld.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t No Va	Au 1 gm/tonne % Va	Au 2 % Sul	Au 3 g/T		Ag g/T
						Q	3	80	3	50.89						2		93		5		tr	tr	tr			50.44	50							
						C	4	65	2	51.35								10		90	0	0						50423	1		.3	tr	<.07		
						Q/C	3	75	3	51.86								75		25	0	0						51							
						Q	11	80	3	51.92						1		95		2		tr		2	tr										
						Q	2	80	3	51.94								95		4		tr		1											
						Q	4	85	3	52.17								95		5	0						51.97								
						C	1	80	3	52.47								60		40					tr			424	1		2.0	tr	<.07		
						C/F	3	80	2	52.62								70	20	1					tr			52							
						Q	5	75	3	52.82								95		5	0						52.73	425	1		1	tr	<.07		
						C/F	10	60	2	53.08								75	23	2	0							53							
						C/F	2	50	2	53.28								60	40	tr	0							426	1		1.5	tr	<.07		
						C/F	4	45	2	53.48								50	50	tr	0							54							
						C/F	8	55	2	53.58								60	40	tr	0														
						Q	15	80	3	53.85								100		tr		tr		tr	tr		53.95	427	1		.3	tr	<.07		
						C/F	7	35	2	54.00								50	48	2	0														
						Q	2	60	3	54.45								90		10	0							55							
						C/Q	1	45	2	54.54								70		70	0							428	1		.7	tr	<.07		
						C/F	2	50	2	54.60								70	28	2	0							56							
						C/F	4	80	2	54.80								70	28	2	0														
						C/F	8	50	2	54.96								45	15	10	0					55.75									
						C/F	9	25	2	55.05								85	10	15							55.47								
						Q	7	60	3	55.74								90		10								429	1		1.1	tr	<.07		
						Q	11	70	3	56.12								98		2								57							
						C/F	5	70	2	56.87									30			tr		tr			57.00								
						C/Q	2	45	2	57.20						1	tr	55	9	14								430	1		.2	tr	<.07		
						C/F	10	50	2	57.22								30		70								58							
						C/F	2	50	2	57.22								60	20	20															
						C/F	7	70	2	57.60								55	35	10															
						C/F	20	60	2	57.83								80	15	5															
						Q	6	80	3	58.22								70	20	10							58.22								
						C/Q	2	65	2	58.26								95		5		tr		tr	tr			431	1		1.5	tr	<.07		
						Q	7	75	3	58.37								96		3		1		tr	tr			59							
						Q	8	75	3	59.10						2		95		3	tr							432	1		3.5	tr	<.07		
						C/F	17	45	2	59.36						10		70	15	5															
						C/F	6	45	2	59.41						10		70	15	5															
						Q	2	40	3	59.68								90		30		1		7	tr		59.74	60							
						Q	5	70	3	59.74								95		4	tr							50433	1		1.5	tr	<.07		
						C/C	2	70	3	59.79						3		80		3		tr		tr	tr			61							
						C/F	11	20	2	60.56								55	10	0															
						C/F	10	20	2	61.58								40	30	30						61.36	61.42								

Box 10

Box 11

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 6 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	# V.G.	Size V.G. mm.	VEIN: Thickness	% Sil	% Sulph.	% Chlorite	Epidote	Quartz	H_2O_2	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t NoV	Au 1 gm/tonne %.4	Au 2 %.5	Au 3 g/T	Cu PPM	Ag g/T
						Q	2	40	3	61.78								90		10								61							
						Q	5	70	3	62.74								95		5								50434	1		.7	tr	<.07		
						%/Q	2	70	3	64.38								80		20							62.94	62 435	1		.5	tr	<.07		
						%/F	11	20	2	64.76								55	35	20						BOX 12		63 436	1		0	tr	<.07		
						%/F	10	20	2	65.60								60	30	10								64							
						%	55	40	3	65.99								60		40							65.99	437	1		.2	tr	<.07		
						%	11	40	3	65.50								70		30								65							
						Q	15	40	3	67.30								90		10	tr			tr			67.51	438	1		5.5	tr	<.07		
						Q	6	85	3	68.08								93		5	tr			2		66.86		66 439	1		1.1	tr	<.07		
						Q	4	75	3	68.41								90		8	tr			2				67							
						Q	10	80	3	69.18								97		3							69.04	440	1		5.5	tr	<.07		
						%/Q	14	60	2	69.50								65	20	15								68 441	1		1.0	tr	<.07		
						%/F	11	75	2	70.22								55	30	5	tr			tr				69 442	1		1.0	tr	<.07		
						%/F	3	60	2	70.27								55	40	5				tr				70							
						%	2	40	3	70.35								50		10				tr			70.41	443	1		1.0	tr	<.07		
						%/F	20	50	2	70.71								60	30	10								71 444	1		.6	tr	<.07		
						%/F	8	85	2	70.88								25	16	50 5	1		2	1		BOX 13	71.02	72 445	1		.9	tr	<.07		
						%/F	2	70	2	71.30								55	43	2								73							
						%/F	2	85	2	71.38								70	27	3								446	1		.2	tr	<.07		
						%/F	2	60	2	71.49								60	25	15								74 447	1		.3	tr	<.07		
						%	6	65	3	71.68								55		27		3		15	tr			75 448	1		0	tr	<.07		
						%/Q	11	70	2	72.04								77	20	3						72.4	72.33	76							
						Q	7	03	3	72.27								98		2				tr				449	1		1.8	tr	<.07		
						Q	2	75	3	72.77								90		10	tr							77 450	1		0	tr	<.07		
						%/Q	1	80	3	73.30								70		30	tr			tr	tr		73.76	78 451	1		.5	tr	<.07		
						%	1	70	3	73.89								55		45							75.13	452	1		0	tr	<.07		
						%	3	60	3	74.69								75		25					tr		76.66	79 453	1		0	tr	<.07		
						Q	18	70	3	76.38								97		3		tr		tr	tr		78.18	80 454	1		2.2	tr	<.07		
						%/Q	2	85	3	78.28								60		40						BOX 14		81 455	1		.5	tr	<.07		
						%	3	80	3	78.39								70		30								82							
						Q	2	50	3	81.48								90		10							79.10	83							
						%/Q	1	80	3	81.68								75		25		tr		tr	tr		79.86	456	1		.5	tr	<.07		
						Q	19	80	3	81.88								98		2		tr			tr		81.38	84 457	1		.2	tr	<.07		
						Q	5	75	3	82.99							2	95		3							82.75	85 458	1		.2	tr	<.07		
						Q	5	70	3	83.64								95		5		tr				BOX 15		86 50459	1		2.2	tr	<.07		
						%/Q	2	65	3	84.94								85		15						83.64	84.28	87							
						Q	2	85	3	85.75							2	88		10							85.80								
						Q	20	70	3	86.18								97		2		tr		1											
						%/Q	2	80	3	86.98								70		30															
						%	2	75	3	87.08								75		25						BOX 16									

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 7 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G.mm.	VEIN ENVELOPES: Thickness	% Si	% Sulph.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t No V	Au 1 gm/tonne % V	Au 2 % S	Au 3 g/T	Cu PPm	Ag g/T
87.18 – 90.20	SILICIFIED ANDESITE: (Asil) Light green to white pervasively silicified secondary breccia zone					Q	13	80	3	87.53						3		92	2	tr		3	tr	89.00 Box 17	87.33	82							
						Q	3	75	3	90.94								92	5	tr		3	tr		89.00	50460	1		1.5	.25	<.07		
						Q	53	70	3	91.05								52	1	tr		25	2		90.57	88							
						Q	25	80	3	91.40								88	2	20		5	1		92.05	461	1		0	.25	<.07		
						Q	27	80	2	92.55								36	55	4		5	1			89							
UNIT 11	5% epidote 5% chlorite 5 cm QV at bottom with py & Cpy Noticable increase in sulphide content of 3° QV below this level					Q	11	75	3	93.29								69	10	tr		1	tr		92.96	462	1		0	tr	1.17		
						%	2	60	3	94.59								55	45	tr					93.57	463	1		.3	tr	<.07		
						Q	11	80	3	94.80						3		97	tr			tr	tr		94.40	464	1		8.0	.2	<.07		
						Q	7	65	3	94.83								85	5	3		2	5			91							
						%	2	70	3	95.44								65	35							465	1		2.7	tr	.07		
						Q	14	80	3	95.49								90	5	tr		5	tr			92							
						%	15	70	3	95.53								70	30			tr				466	1		1.3	tr	.07		
						%	1	90	3	95.71								45	15			60	5			93							
90.2 – 97.6	ANDESITE LAPILLI TUFF:					%	6	80	3	95.77								80	20	tr		tr				467	1		2.0	tr	<.07		
						Q	3	70	3	95.82								70	10	3		15	2			94							
UNIT 12	(Alt) Hard gray green, slightly sil. Few early calc. vn Good 3° QV with sulphides					Q	20	80	3	96.01								88	tr	2		10	tr		96.01	468	1		2.7	.25	<.07		
						Q	20	65	3	97.21								89	5	1		5	tr		97.54	95							
						%	4	80	3	99.03								75	15	tr		10			98.06	469	1		2.0	tr	<.07		
						Q	10	85	3	99.86								94	2	2		2				96							
						%	7	80	3	99.15						2		73	25			tr				470	1		2.0	tr	.07		
						Q	10	80	3	99.60								85	15							97							
97.6 – 169.77 EOH	ANDESITE FLOW BRECCIA: (Abx) as above					%	6	80	3	99.70								85	35	tr						471	1		0	tr	<.07		
						Q	30	80	3	101.12								90	10	tr						98							
						%	2	80	3	101.15								85	15	tr						472	1		3.7	tr	<.07		
						%	1	85	3	101.24								80	20	tr						99							
UNIT 13	98.8-98.9 shearing at 30° Good 2° QV 111.1-111.8 pronounced jt set at 40° 116.7-117.5 shearing at 20°					Q	2	80	3	101.50						2		78	10	10	tr				99.97 Box 18	473	1		0	tr	<.07		
						%	1	85	2	102.18								30		70	tr					100							
						%	1	95	1	102.20								30		70	tr					474	1		.8	tr	.07		
						%	1	60	3	102.34								50		50	tr					101							
						Q	14	80	3	102.60								95		5						475	1		1.9	tr	<.07		
	Broken zone 122.3 healed sil. shear at 20° 127-128.0 – 1.5 cm qtz healed shear at (2° QV)					%	2	90	3	102.63								55	45						101.96	102							
						%	1	70	3	104.67								65	35							476	1		0	tr	<.07		
						Q	10	70	3	104.69						20		70	10				tr			103							
						%	1	75	3	104.74								78	20	tr			2			477	1		2.4	.25	<.07		
						Q	4	75	3	104.77								90	2		tr		B			104							
	129.4-129.55 early breccia Qtz healed (20 QV)					Q	8	75	3	104.78								95	5				tr	tr	103.48	105							
						%	1.5	75	2	105.09								25	75		tr					478	1		1.4	tr	<.07		
						%	6	80	3	105.44						2		83	15						105.44	106							
						%	2	85	3	105.61								65	25	tr													
						Q	9	85	3	105.71								90	10		tr		tr	tr									

NTS. MAP GRID – 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 8 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G. mm.	VEIN: Thickness	% S:I	% Sulph.	% : Chlorite	Epidote	Quartz	Carbonate	% : Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metere Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t No V	Au 1 gm/tonne % V	Au 2 % S	Au 3 g/T	Cu ppm	Ag g/T
	(Abx)					Q	26	75	3	106.47						5		89	5	tr		1	tr		✓	~~106~~							
						Q	B	75	3	106.51								96	3	tr		1	tr		106.50	50479	1		5.4	tr	<.07		
						Q	8	80	3	106.57								97	2			.5				107 50480	1		.7	tr	<.07		
						Q	6	80	3	106.62								98	2		tr		tr			108 481	1		3.8	tr	.34		
						Q	5	85	3	106.82								90	10						✓	~~109~~							
						%c	1	75	3	106.97								60	40					tr		110 482	1		4.8	tr	.21		
						%c	4	80	3	107.34								85	15							483	1		6.1	tr	.34		
						Q	3	75	3	107.36								83	10		1		5	1	108.05	111 484	1		1.8	tr	<.07		
						C	3	85	2	108.34								5	95							~~112~~							
						%c	2	80	3	108.22						2		50	45		3		tr	tr		485	1		0	tr	<.07		
						%c	1.5	50	3	108.61								55	45	tr					✓	113 486	1		1.2	tr	<.07		
						%c	1	85	3	108.71								60	40	tr						114 487	1		0	tr	<.07		
						Q	31	80	3	108.96								67	tr		tr		2	30		~~115~~							
						%c	27	75	3	109.35						20		65	15	tr						488	1		1.3	tr	<.07		
						Q	13	80	3	109.50								77	2		1		20	tr	109.56	116 489	1		1.2	tr	.34		
						%c	1	75	3	109.71								55	35		tr		10	tr		117							
						%c	2	85	3	109.56								62	30		tr		8										
						%a	3	80	2	109.70								30	70		tr		80										
						%c	2	50	3	109.98								53	45		tr												
						Q	6	65	3	110.08						2		88	10														
						%c	2	65	3	110.39								50	50	tr					✓								
						Q	7	80	3	110.45								85	4		3		8										
						Q	30	75	3	110.70						1		99	tr		tr		tr										
						%c	2	75	3	110.72								60	40	tr													
						%c	13	85	3	110.79						10		65	35		tr		tr										
						%a	1	85	2	110.88								40	60	tr					111.10								
						%c	2	90	3	111.40								55	35	tr			10										
						%a	3	85	2	111.88								35	55		4		6										
						%c	13	75	3	111.94						3		57	40														
						%c	3	85	3	113.06								65	35	tr													
						%c	2	80	3	113.25			6			2		68	30						✓								
						%c	2.5	80	3	113.39								50	50	tr					113.39								
						%a	2	85	2	113.51								40	55		tr		5		✓								
						%c	2	60	3	113.68								80	20		tr												
						%c	6	85	3	115.28								85	15		tr				114.91								
						Q	6	80	3	115.43								53	15				2		✓								
						%c	1	80	3	115.72			4		0			65	35	tr													
						%c	1	75	3	116.20								60	40						116.43								
						%c	2	85	3	116.66								55	45				1			116.93								
						Q	9	85	3	116.70								88	2		tr		15	tr		✓								

Box 20

Box 21

NTS. MAP GRID – 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 9 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G. mm.	VEIN: Thickness	% S.I	% Sulph.	% Chlorite	Epidote	Quartz	Mn Ox	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t NOV	Au 1 gm/tonne x64	Au 2 %S	Au 3 g/T	Cu ppm	Ag g/T
						Q	55	35	3	117.40								89	10	tr		1		10	tr		✓	117							
						Q/C	2	80	3	117.75								65		35							117.96	50490	1		5.7	.1	.48		
						Q	15	80	3	118.09						5		87		3		2		3				118 491	1		3.9	.1	.21		
						Q	22	75	3	118.17								82		3		4		10	1		✓	119 492	1		6.1	.1	.07		
						Q/C	15	85	3	118.41								85		15		tr		1				120							
						Q	14	90	3	119.26								85		15		tr		tr	tr		119.33	121 497	1		3.6	.1	1.78		
						Q/C	2	85	3	119.35								60		40	tr							122 494	1		4.3	.1	.21		
						Q/C	2	75	3	119.43								65		35								122 495	1		4.3	.25	.21		
						C	15	60	2	119.54								1		99		tr					✓	123							
						Q/C	8	85	3	119.64								85		15								123 496	1		3.2	.2	.51		
						Q	20	75	3	119.76						2		91		5		tr		2				124 497	1		2.4	.1	<.07		
						Q	21	85	3	120.12								83		4		3		10				125 498	1		2.5	.1	.14		
						Q	15	85	3	120.83						5		85		10		tr		tr			120.85	126 499	1		n	.1	<.07		
						Q	36	70	3	121.80						3		80		5		tr		12	tr	121.80		127 50500	1		0	.1	<.07		
						Q	7	80	3	121.90								96		2	tr						✓	128 7218	1		4.1	.1	.07		
						Q/C	6	90	3	122.52						5		57		25		3		10				129							
						Q	15	85	3	122.54								84		1		3		16	2		122.53	130 7219	1		4.4	.2	<.07		
						Q/C	22	80	3	122.69								59		30		tr		1				131 7220	1		1.5	.1	<.07		
						Fol	16	80	2	123.04								33		55		2		10			✓	132 7221	1		.3	.1	<.07		
						Fol	2	80	2	123.25								20		80								133 7222	1		.3	.1	<.07		
						Q	7	50	3	123.39								92		7		tr		5				134 7223	1		2.1	.1	.90		
						Q/C	7	90	2	123.94								54		42		1		3			124.05								
						Q	5	70	3	124.44								90		10	tr						✓								
						Q/C	2	80	3	124.49								60		40															
						Q/C	14	90	2	124.70								60		40				tr											
						Q	25	80	3	125.43								78		10		2		10		127.23	125.58								
						Q	5	90	3	128.07						25		75		tr				tr			126.49								
						Q	12	90	3	128.09								89		1		tr		10			128.02								
						Q/C	4	75	3	128.11								50		40		tr		10			128.47								
						Q	5	85	3	128.15								85		15															
						Q	15	85	3	128.81								85		5		tr		10			129.44								
						Q/C	44	65	3	129.88								45		35				7	13		✓								
						Q/C	2	65	3	130.05								53		45															
						Q	13	80	3	130.94								85		15															
						Q/C	7	80	3	131.61								60		40							131.22								
						Q/C	3	75	3	132.81								55		45							✓								
						Q	15	75	3	133.03								82		3		tr		15			133.20								
						Q/C	6	80	3	133.07								60		40	tr						136.25	134 7224	2.25		0	tr	<.07		
						Q	10	75	3	138.46								74		tr		1		20	5	132.7	139.16	136.25 7225	.75		0	tr	<.07		
						Q	9	85	3	138.45								68		5		2		25	5	Box 25	✓	137.00 7226	1		0	tr	<.07		
																												138							

Box 22 Box 23 Box 24

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-1 SHEET No. 10 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	# V.G.	Size V.G. mm.	VEIN ENVELOPES: Thickness	% Si	% Sulph.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No TO	Sample Length	Au oz/t No V	Au 1 gm/tonne % V	Au 2 % S	Au 3 g/T	Cu ppm	Ag g/T
						%	2	70	2	138.60								50	50						138.89	138 7227	1		2.1	tr	.24		
						%	3	90	3	139.81								65	35	tr					✓	139							
						%	7	80	3	139.93								75	25						139.65	7228	1		1.0	tr	.14		
						%	2	45	3	140.44								55	45		tr		tr		139.70	140 7229	1		1.4	tr	<.07		
						%	12	80	3	140.81							2	60	40						139.60	141							
						%	1	75	3	141.41			4					65	35					Box 26	✓	7230	1		1.1	tr	1.58		
						%	10	85	3	141.61								60	20		5		15		140.82	142 7231	1		1.1	tr	.07		
						%	7	25	3	142.21								70	30						142.49	143 7232	1		0	tr	<.07		
						%	4	70	3	142.47								75	25		tr		tr		✓	144							
						Q	5	80	3	144.13								85	15		tr		tr		143.56								
						%	8	80	3	145.02								80	20					145.13	145.09	7233	1		.5	tr	<.07		
						%	11	90	3	145.87								50	50		tr		10		✓	145 7234	1		3.7	tr	.07		
						%	18	85	3	145.89								50	10				15		146.00	146 7235	1		.2	tr	<.07		
						%	2	90	3	146.94								60	40		tr		tr		✓	147							
						%	1	85	3	148.23								60	40	tr					146.91								
						%	8	?	3	148.74								80	20					Box 27	✓	7236	1		0	tr	<.07		
						%	9	75	3	149.18								80	20		tr		tr		148.44	148 7237	1		.9	tr	<.07		
						%	15	80	3	150.87							15	50	35		tr		1		✓	149 7238	1		.9	tr	<.07		
						%	4	90	3	150.90								60	40		tr		tr		150.50	150							
						%	13	80	3	152.09								80	20						148.89	7239	1		1.9	tr	<.07		
						%	13	80	3	153.19								40	60					Box 28	✓	151 7240	1		0	tr	<.07		
						%	6	75	3	154.44								75	25	tr					150.42	152 7241	1		1.3	.3	<.07		
						Q	3	85	3	154.75								85	15	tr					✓	153 7242	1		1.3	tr	.14		
						%	5	75	3	157.30								60	40		tr				153.62	154							
						%	2	80	3	158.12								70	30						✓	7243	1		.9	tr	<.07		
						Q	10	15	3	159.55								85	15						155.54	155 7244	1		0	tr	<.07		
						%	5	85	3	159.85								70	30						✓	156 7245	1		0	tr	<.07		
						%	2	90	3	161.40								55	45						156.97	157 7246	1		.5	tr	<.07		
						C	10	70	2	162.71							10	35	55					156.08	✓	158						
						Q	24	20	3	163.00								90	10						158.70	7247	1		.2	tr	<.07		
						%	1.5	85	2	163.53								40	60						✓	159 7248	1		1.5	tr	<.07		
						%	2	75	2	164.20								45	35					Box 30	160.02	160 7249	1		0	tr	<.07		
						%	3	75	3	164.52								65	55						✓	161 7250	1		.2	tr	<.07		
						%	10	15	3	165.60							10	65	25					161.55	✓	162						
						%	4	85	3	166.37								70	30						163.07	103 001	1		1	tr	<.07		
						%	5	15		166.17								35	65	tr					✓	163 002	1		2.5	tr	<.07		
						%	65	10		167.80								80	20						164.60	164 003	1		.5	tr	<.07		
						%	11	5		168.47								65	35					Box 31	✓	165 004	1		1	tr	<.07		
						Q	11	75		168.73								95	5	tr					167.10	166 005	1		9	tr	<.07		
	EOH									EOH															169.77	167 006	1		6.5	tr	<.07		
																										168 007	1		2.2	tr	<.07		
																										169 008	.77		0	tr	<.07		

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: JULY 18/87 | DATE COMPLETED: JULY 26/87

DEPTH	DIP	AZ.
0	30	125°30'
60.35	28	125°30'
122	29	125°30'
197	28	125°30'

LENGTH : 197.21 | ELEVATION : 72.34 | NORTHING : 8901.97 | EASTING : 4961.90

PROPERTY : TOMMY | CORE SIZE : NQ | SCALE OF LOG :

HOLE No. : T87-2 | SHEET No. 1 of 7 | LOGGED BY : RP/KS | DATE : JULY/87

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size	VEIN ENVELOPES: Thickness	% Sil	% Sulph	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopyrite	% Pyrrhotite	% Pyrite	Meter Blocks	Est. core rec. ✓ = 100%	ASSAY: FROM SAMPLE No. TO	Sample Length	oz/T No Vn	% Vn	% Sul	Au g/T		Ag g/T
	LITHO LOG →																												Vn Tabl			
0 – 16.8	ANDESITE TUFF: Dark green fine grained (Afg) Calcareous throughout Moderately chloritized Some light patches with epidote ≈ 1% diss sulph (py/po) – Moderate development of late qtz vns (3°QV) – also some crackle bx with late qtz & sulph. 16.4 Shear @ 15°																															
UNIT 1																								Box 1	90	103009	1	1	.1	.1	<.07		
																										3010	1	0	0	.1	<.07		
																										3011	1	3	1.1	.1	<.07		
																									3.35	3012	1	5	3.3	.2	<.07		
																									✓	3013	1	5	3.4	.1	<.07		
																									5.18	3014	1	5	4.5	.1	<.07		
																									6.55	3015	1	5	5.0	1/.1	<.07		
																									✓	3016	1	2	1.9	5/.25	<.07		
																									8.23	3017	1	6	2.9	4/.45	.07		
																									9.35	3018	1	3	1.7	tr/.1	.07		
																										3019	1	1	.7	7/.1	.07		
																									✓	103020	1	5	1.4	1/.1	<.07		
																									12.80	3021	1	7	2.3	5/.1	<.07		
																									✓	3022	1	4	1.2	8/.2	<.07		
																									14.33	3023	1	1	.3	15/.1	<.07		
																									15.85	3024	1	6	2.6	9/.4	.82		
16.8 – 20.9	ANDESITE FLOW BRECCIA: (Abx) Primary flow breccia similar to that of hole 1																								✓	3025	1	2	.6	2/.1	<.07		
UNIT 2																									17.37	3026	1	0	0	0/.1	<.07		
																									✓	3027	1	1	.9	tr/.1	<.07		
																										3028	1	0	0	0/.1	<.07		
	– Angular lt green andesitic fragments (fg dense) in matrix of fragmented alt gr grn andesite.																								20.42	3029	1	3	1.4	1/.2	<.07		
	Pervasive chloritization concentrated in matrix Minor epidote, Max frag 10cm																															

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 2 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Metres	# V.G.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																													
20.9 – 27.5	ANDESITE TUFF:					q/c	70										l	5	tr				21 103030	1	8	3.3	6/.25	<.07		
	(Afg) As above.					q/c	70										tr	2			22.56	22.56	22 3031	1	4	2.3	2/.2	.07		
						q/c	65										tr	2				23.37	23 3032	1	6	4.0	2/.1	<.07		
UNIT 3	Dk gr-grn, crackle bx. good lat. gtz veining						60										tr	3				✓	24 3033	1	5	3.6	3/10	<.07		
							80										tr	8	tr			25.91	25 3034	1	3	3.5	8/1.5	<.07		
	lower contact is shear @ 5°						60										tr	11					26 3035	1	4	5.1	11/2.0	<.07		
							55										tr	4				✓	27 3036	1	3	2.2	4/.1	<.07		
27.5 – ~43	ANDESITE FLOW BRECCIA						10											tr			28.1	28.04	28 3037	1	1	4.7	tr/.1	<.07		
	(Abx) As above unit 2 Angular fragments						60										tr	1				✓	29 3038	1	1	.3	1/.1	<.07		
							80												10	1		30.18	30 3039	1	2	.5	11/.1	<.07		
	to 10 cm. most 2-4 cm					q/c	40										tr	tr	tr			✓	31 10 3040	1	2	5.6	tr/.1	<.07		
UNIT 4						q/c	70											2				22.31	32 3041	1	1	.2	2/0	<.07		
	41.91 – ~43 broken sheared core					q/c	10														33.5	33.68	33 3042	1	1	7.5	0/0	<.07		
																						34.44	34 3043	1	0	0	0/.1	<.07		
	50.5 – 50.6 Fault gouge sh @ ~5°																						35 3044	1	0	0	0/.2	<.07		
																						✓	36 3045	1	0	0	0/.1	<.07		
						Q	80										2	20	10			37.19	37 3046	1	1	.4	32/.5	<.07		
						q/c	55														38.7	✓	38 3047	1	1	.15	0/.2	<.07		
						q/c	50													tr		39.01	39 3048	1	1	.2	tr/.1	<.07		
						q/c	60															40.54	40 3049	1	1	.3	tr/.1	<.07		
						q/c	5															41.91	41 103050	1	1	20	0/.1	<.07		
																						42.98	42 3051	1	0	0	0/0	<.07		
						Q	50											2	2			43.59	43 3052	1	1	1.3	4/.1	<.07		
~43 ~51.5	ANDESITE TUFF: similar to units 1 & 3					Q	40										h	1				44.35	44 3053	1	3	12.0	1/.1	<.07		
	(Afs) core badly broken					q/c	70											5	tr			44.81	45 3054	1	1	.5	5/.1	<.07		
						q/c	60											10				46.33	46 3055	1	1	.2	10/.1	<.07		
						q/c	35										h	3				47.09	47 3056	1	1	1.1	3/.1	<.07		
UNIT 5	50.5 – 50.8 muddy shear @ 20°																					48.62	48 3057	1	0	0	0/.2	<.07		
																						49.23	49 3058	1	0	0	0/.1	<.07		
																						49.68	50 3059	1	0	0	0/0	<.07		
																						57.05	51							

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 3 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM / SAMPLE No. / TO	Sample Length m	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																					✓	51							
N51.5 – –63.0	ANDESITE FLOW BRECCIA: (Abx)																				Box 10	51.82	52	1	0	0	.1	<.07		<.07
																						✓	53	1	0	0	.1	<.07		<.07
UNIT 6	broken blocky core					%	65								–		3		15	1	54.4	54.25	54	1	1	.2	.1	.07		
						%	65								–		tr		tr	1		✓	55	1	2	.3	.2	<.07		<.07
						%	65										tr					56.08	56	1	2	.6	.1	<.07		<.07
						%	55													1	Box 11	57.30	57	1	1	.5	.25	<.07		<.07
																						57.97	58	1	0	0	.1	<.07		<.07
						%	60										tr				59.6	58.32	59	1	1	.6	.25	<.07		<.07
																						60.75	60	1	0	0	.25	<.07		<.07
						%	60													1		61.57	61	1	2	1.7	.1	<.07		<.07
63.0 – –81.6	FELDSPAR PORPHYRY DYKE (Fdy) fine grained (edges) to medium grained feldspar porphyry – Mg sections. Occ crowded fld porphyry with buff phenos to 3 mm in grey siliceous matrix – Fresh – Moderate fracturing healed by calc and qtz calcite veins (Occ very slightly calcareous. Occ brecciated stockwork @ 1/2 % sulph (py/po) Moderate to steep 3° QV @ 60°																				Box 12	62	63 071	1	3	.7	.25	<.07		<.07
																							64 072	1	1	1.2	.1	<.07		<.07
																						64.62	65 073	1	1	.3	.4	<.07		<.07
																					65.0		66 074	1	4	1.9	.1	<.07		<.07
UNIT 7																						66.29	67 075	1	3	.9	.1	<.07		<.07
																					Box 13	67.82	68 076	1	3	2.4	.1	<.07		<.07
																						70.10	69 077	1	3	1.7	.1	<.07		<.07
																						70.71	70 078	1	2	.5	.1	<.07		<.07
																					70.5		71 079	1	2	.3	.1	<.07		<.07
																						71.48	72 103080	1	3	5.0	.1	<.07		<.07
																					Box 14		73 081	1	2	1.9	.2	<.07		<.07
																						73.76	74 082	1	2	.75	.1	<.07		<.07
																							75 083	1	3	.3	.2	<.07		<.07
																					75.6	75.13	76 084	1	3	1.8	.2	<.07		<.07
																						75.74	77 085	1	8	6.7	.5	<.07		<.07
																						76.81	78 086	1	5	3.9	.1	<.07		<.07
																					Box 15	78.49	79 087	1	0	0	.1	<.07		<.07
																						79.25	80 088	1	1	.2	.1	<.07		<.07
																						79.86	81 103089	1	1	.2	.1	<.07		<.07
	lower contact steered @ 10°																				80.7	80.47	82 103 090	1	1	.3	.1	<.07		<.07
																						80.92								

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 4 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Type / Thickness / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Chlorite / Epidote / Quartz / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG															
81.6 – 95.5	ANDESITE FLOW BRECCIA: (Abx)					2 20			BL 091	1	5	5.6	.2	.14		
UNIT 8	Primary breccia as above mod to strong chloritization					1 10	BOX 16	82.60 ✓	83 092	1	1	.3	.1	<.07		
	Sheared sections: 81.6-82.7 @ 0 to 20°							83.67 ✓	84 093	1	0	0	.1	<.07		
	1% gen chlorite; soft 85.9-88.3 @ 0 to 10° chloritized, epidotized					tr 1 tr	85.9	85.95 ✓	85 094	1	3	1.4	.1	<.07		
	Moderate 3° QV @ 30 to 60° 4cm QV @ 82.5 with po & cpy					tr 1 tr	BOX 17	87.02 ✓	86 095	1	0	0	.1	<.07		
						2 5		88.09 ✓	87 096	1	1	1.0	.1	<.07		
						tr 4		88.85 ✓	88 097	1	4	2.1	.2	.31		
						1 2	90.7	90.37 ✓	89 098	1	1	.5	.1	<.07		
						tr 1	BOX 18	✓	90 099	1	2	1.1	.1	<.07		
	Lower contact 35°							92.66 ✓	91 103/100	1	2	.4	.1	<.07		
								94.18 ✓	92 101	1	0	0	.1	<.07		
							95.9	95.40 ✓	93 102	1	1	.2	.1	<.07		
						4 tr 2		96.86 ✓	94 103	1	0	0	.1	<.07		
95.5 – 109.6	FELDSPAR PORPHYRY DYKE:					1 2	BOX 19	97.83 ✓	95 104	1	0	0	.1	<.07		
	(Fdy) – fine to med grained – med grey to buff					4 6		98.15 ✓	96 105	1	2	1.6	.1	<.07		
UNIT 9	– patches of light green (epidotized) 96.5-97.1 106.8-107.8					2.5 5		99.67 ✓	97 106	1	7	3.2	.1	<.07		
						1 tr	100.8		98 107	1	3	3.6	.1	<.07		
	– well frac: healed with early calc vns					10 10 tr		101.50 ✓	99 108	1	4	1.8	.1	<.07		
	– Mod 3° QV @ 60° good Cpy/Po in these					10 25	BOX 20		100 103/109	1	5	4.6	.1	<.07		
						tr 1		103.48 ✓	101 110	1	4	4.0	.2	.03		
	Core broken to 98.8 otherwise good.					1 5			102 111	1	3	2.7	.4	<.07		
						tr tr		105.61 ✓	103 112	1	2	1.3	.1	.07		
						tr tr	106.3		104 113	1	2	3.2	.1	<.07		
						tr 1			105 114	1	2	.8	.1	<.07		
						tr 1		108.30 ✓	106 115	1	2	1.2	.05	<.07		
	Lower contact QV @ 35°					tr tr	BOX 21	109.33 ✓	107 116	1	5	2.6	.2	<.07		
						tr tr			108 117	1	7	3.3	.2	<.07		
						tr tr			109 103/118	1	2	3.3	.1	<.07		
						tr tr	111.5		110		0	0				

NTS. MAP GRID – 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 5 OF 7

LITHO LOG ←→ SAMPLE LOG

109.6 – 115.1 (UNIT 10)

ANDESITE FLOW BRECCIA: (Abx) as above
pervasive chloritization
broken core
Lower contact indistinct

115.1 – 125.4 (UNIT 11)

FELDSPAR PORPHYRY DYKE: (Fdy) fine to med grained
med grey
well frac., healed
mod 3°QV development

124 - 124.3 lt green
sil/ep patch
Lower contact sharp @ 20°

125.4 – 142.6 (UNIT 12)

ANDESITE FLOW BRECCIA (Abx) as above

Sheared broken core:
125.4 - 126.3
sh@ 10°
moderate 3°QV with
Cpy/Po

Lower contact 30°

From – To (m)	Sample No.	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T	Ag g/T	Chalcopyrite %	Pyrrhotite %	Pyrite %	Meters Blocks	Est. Core Rec.
110 – 111	119	1	0	0	.1	<.07						110.64
111 – 112	103120	1	4	.8	.1	<.07		tr	tr			111.70
112 – 113	121	1	1	1.0	.1	<.07		tr	tr			112.93
113 – 114	122	1	2	.9	.1	<.07		2	10	2	Box 22	
114 – 115	123	1	4	1.5	.1	<.07		tr	5	tr		114.91
115 – 116	124	1	4	1.2	.1	<.07		tr	1	tr		115.67
116 – 117	125	1	3	6.0	.1	<.07		tr	2		116.1	117.20
117 – 118	126	1	1	.2	.2	<.07			tr			117.65
118 – 119	127	1	2	.5	.1	<.07			2			118.41
119 – 120	128	1	1	.2	.1	<.07			5		Box 23	119.18
120 – 121	129	1	4	1.4	.3	<.07		tr	4	tr		120.09
121 – 122	103130	1	2	1.8	.3	<.07		2	3		121.1	121.31
122 – 123	131	1	2	.5	.1	<.07			4			
123 – 124	132	1	1	.6	.1	<.07		2	13		Box 24	
124 – 125	133	1	1	.4	.1	<.07						124.05
125 – 126	134	1	1	.2	.1	<.07						125.43
126 – 127	135	1	1	1.5	.1	<.07					126.2	126.19
127 – 128	136	1	1	.3	.1	<.07						
128 – 129	137	1	4	2.9	.1	.65					Box 25	128.02
129 – 130	138	1	2	1.4	.4	<.07						129.89
130 – 131	139	1	2	1.4	.3	.14					130.9	130.91
131 – 132	103140	1	2	1.6	.2	<.07						
132 – 133	141	1	0	0.	.1	<.07						132.44
133 – 134	142	1	2	1.1	.45	<.07					Box 26	133.20
134 – 135	143	1	3	3.5	.2	.17						
135 – 136	144	1	2	1.5	.1	<.07						135.64
136 – 137	145	1	3	1.6	.1	.21					136.0	
137 – 138	146	1	1	1.9	.2	<.07						137.46
138 – 139	147	1	1	.5	.1	.24					Box 27	
139 – 140	148	1	1	.6	.1	.07						
140 – 141	103149	1	2	1.5	.1	<.07						140.51

141.6

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 6 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Clivage/Foliation	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																						141							
142.6 – 165.0	ANDESITE fine grained:																tr		1			✓	103 150	1	1	1.0	.2	<.07		
	(Afg) dark grey green, fg. hard siliceous																						142							
																						142.8	143 151	1	0	0	.1	<.07		
																				tr			144 152	1	1	.3	.1	.07		
UNIT 13	st chloritized																1		2				153	1	2	4.0	.1	.07		
	– Early crackle Bx healed by 1 Qtz vein stockwork														–		tr		tr				145 145.85							
	– Widely spaced 3° QV with Gpy and Po																			tr			154	1	1	1.3	.1	<.07		
																						✓	155	1	1	7.0	.1	<.07		
																					147.0	147.68	146 156	1	0	0	.1	<.07		
	Qtz, Kspar, CP patches: 145.4 – 145.6																					✓	157	1	0	0	.1	<.07		
	150.4 – 150.6																						149							
	157.7 – 157.9																					149.20	158	1	2	1.2	.1	.07		
																						✓	150 159	1	0	0	.1	<.07		
																							151							
																	2		8			151.94	103 160	1	3	1.2	.1	<.07		
	Lower contact lost																tr		tr		152.7	✓	152 161	1	1	.6	.1	.07		
																							153							
																							154 162	1	0	0	.1	<.07		
																						154.53	155 163	1	0	0	.1	<.07		
																						155.45	156 164	1	1	.2	.2	<.07		
																	tr		tr			✓	157 165	1	1	.6	.1	<.07		
																	tr		2				158 166	1	1	1.7	.1	<.07		
																				tr	158.1	158.5	159 167	1	0	0	.1	.07		
																						✓	160 168	1	0	0	.1	<.07		
																							161 169	1	1	.7	.1	<.07		
																						167.39	103 170	1	1	.3	.1	<.07		
																						162.31	162 171	1	0	0	.1	<.07		
																					163.5	163.68	163 172	1	0	0	.1	.07		
																						60	164 173	1	0	0	.2	.07		
165.0 – 166.2	FAULT ZONE																					165.76	165 174	2	0	0	0	<.07		
																						166.86	166 175	1	2	.9	.1	<.07		
UNIT 14	(Flt) muddy, lost core																tr		tr	tr		167.79	167 176	1	1	1.1	.1	.07		
																	10		20				168 177	1	1	.2	.1	<.07		
166.2 – 172.55	FELDSPAR PORPHYRY DYKE: fresh, noncalcareous, grey																tr		tr			✓	169 178	1	3	7.4	.2	<.07		
	(Fdy) f-mg, some 3° QV w Gpy/Po																tr		tr	tr	170.1		170 179	1	0	0	.25	<.07		
	One 7 mm 3° QV along core																					170.08	171							
UNIT 15	Lower contact sheared @ 50°																					✓	172	1						

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-2 SHEET No. 7 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: & V.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																				✓	172							
172.55 – 183.40 UNIT 16	ANDESITE, FINE GRAINED: Dark gr grn, hard (Afg) Crackle bx. healed by early QV																				172.76	180	1	0	0	.1	<.07		
	Minor late 3° QV with Cpy/Po															2		15	1		✓	181	1	1	1.1	.3	<.07		
																tr					174.04	182	1	1	.2	.2	<.07		
	82.6–83.0 Qtz, feld, epidote patch																tr	1		175.4	175.41	183	1	1	.15	.2	<.07		
																			tr		✓	184	1	1	.5	.25	<.07		
																						185	1	0	0	.1	<.07		
																		tr			178.46	186	1	1	.7	.1	<.07		
																		tr	tr			187	1	2	.6	.1	<.07		
																	tr	tr			✓	188	1	2	.9	.1	<.07		
																				181.2	181.51	189	1	0	0	.1	<.07		
																tr						190	1	1	1.1	.2	<.07		
183.4 – 197.21	FELDSPAR PORPHYRY DYKE: as above (Fdy)																				✓	191	1	0	0	.1	.07		
	187.0 – 191.4 Sheared section 20° to 40° partly healed partly open fracture zone																	tr			184.56	192	1	1	1.0	.1	<.07		
																					✓	193	1	0	0	.1	<.07		
																1		1		186.7		194	1	1	.3	.1	<.07		
UNIT 17	Chloritized, may be in part Abx																				187.60	195	1	0	0	.1	<.07		
																					✓	196	1	0	0	.1	<.07		
																					189.28	197	1	0	0	.1	<.07		
																					✓	198	1	0	0	.1	<.07		
																		1	tr	191.8	190.80	199	1	3	.9	1	<.07		
	Very minor 3° QV Lost vein (1 cm) at 194 m minor diss pyrite																	tr			✓	200	1	1	.1	.1	<.07		
																					192.63	201	1	0	0	2	<.07		
																					✓	202	1	1	.3	.1	<.07		
																		tr	tr		193.24	203	1	0	0	.1	<.07		
																					✓	204	1.21	2	.4	.1	<.07		
																		1			194.92								
																					✓								
																					196.44								
																					✓								
																				197.21	197.21								
																					EOH								

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: JULY 27 | DATE COMPLETED: JULY 31

	DEPTH	DIP	AZ.
	0	-30	130.44
	31.7	-30	130.44

LENGTH : 31.7
ELEVATION : 75.03
NORTHING : 8816.89
EASTING : 4901.02
PROPERTY : TOMMY
CORE SIZE : NQ
SCALE OF LOG :

HOLE No. : T87-3
SHEET No. 1 of 1
LOGGED BY : RP
DATE :

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size	V.G. mm Thickness	VEIN ENVELOPES: % Si	% Ser/Ch	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No Va	% Va	% Sul	Au g/t		Ag g/t
	LITHO LOG ← → SAMPLE LOG																															
0-27.0	OVERBURDEN: (OB) Large andesite boulders (fine grained and amygdaloidal) Gravel, clay CASING TO 45 ft (13.7m)																							Box 1 21.95								
27.0 – 31.7	ANDESITE, FINE GRAINED: (Afg) Grey green inclusions comb Qtz calcite veinlets and patches 5% chloritized 2 cm vn @ 29.7 Qtz, calc, chlor 3°? Calcite patch 30.0-30.2																							Box 2 30.02 Box 3 31.7	23/3 65% 29.57 95% 31.7 EOH	No Samples							
	Hole stopped at 31.7 due to caving overburden.																															

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: | DATE COMPLETED:

DEPTH	DIP	AZ.
0	-28	135.47
60.96	-27	"
121.92	-26	"
225.55	-22	"

LENGTH : 225.55 | ELEVATION : 79.65 | NORTHING : 8784.59 | EASTING : 4847.36

PROPERTY : TOMMY | CORE SIZE : NQ | SCALE OF LOG:

HOLE No. : T87-4 | SHEET No. 1 of 11 | LOGGED BY: RP/KS | DATE:

Metres From – To	Rock Type and Textures, Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Fault's	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size	VEIN ENVELOPES: Thickness	% Si	% Sulph	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec. (= 100%)
	LITHO LOG						SAMPLE LOG																	
0.0 – 1.5	ANDESITE LAPILLI TUFF:					Q/C	55															10		
	(Alt) Dark frags in lighter matrix Mod. siliceous					Q	80														tr			1.98
UNIT 1						Q	55																Box 1	2.90
						Q/C	75															tr		
						Q/C	65															1		
	Scattered 3° QV with sulphides					C	60															1		5.40
						C	65															tr		5.03
1.5 – 9.2	FELDSPAR PORPHYRY DYKE					—																		6.10
	(Fdy) – massive					Q/C	30													tr		tr		7.97
	– Epidotized feld (2-5mm) 15% in dark grey fg matrix					Q/C	50													tr		2	Box 2	8.23
UNIT 2						Q/C	55													tr		2		10.8
						Q/C	80																	10.21
						Q/C	50													tr		15		
	3° QV loaded to 8.5m					Q/C	35													tr				
						C	55															2	Box 3	13.26
9.2 – 17.3	ANDESITE FLOW BRECCIA:					Q	60																	
	(Abx) Light grey, mottled Mod chlor, some garnet					Q/C	45																	16.6
UNIT 3	Some blocks of fg spotted buff dacite					—																		
						C/Q	55														tr			16.31
						Q/C	75															3		
	Early healed shearing at ~ 30°					Q	50															tr		95
						Q/C	55													1		5	tr	19.66
						Q/C	65															tr	Box 4	21.49
						—																		22.3
						Q/C	50														tr	3		24.38

FROM SAMPLE No. TO	Sample Length	Au oz/T	% Au	% Si	Au g/T		Ag g/T
0							
103205	1	2	.6	.25	<.07		
206	1	1	.2	.1	.21		
207	1	2	2.1	.1	<.07		
208	1	2	.7	.1	<.07		
209	1	1	.6	.1	<.07		
210	1	1	.7	.1	<.07		
211	1	1	.4	.1	<.07		
212	1	0	0	.1	<.07		
213	1	2	1.2	.1	<.07		
103214	1	1	1.2	.1	.07		
215	1	2	2.0	.1	<.07		
216	1	1	2.1	.1	<.07		
217	1	3	.7	.1	<.07		
218	1	1	1.5	.25	<.07		
219	1	1	.8	.1	<.07		
220	1	2	3.9	.1	<.07		
221	1	1	1.6	.1	.14		
222	1	0	0	.1	<.07		
223	1	3	1.3	.1	<.07		
224	1	1	.2	.1	<.07		
225	1	2	2.0	.1	<.07		
226	1	4	3.4	.1	<.07		
227	1	2	.5	.1	<.07		
228	1	0	0	.1	<.07		
103229	1	3	1.2	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 2 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: %V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																													
17.3 – 29.2	FELDSPAR PORPHYRY DYKE (Fdy) massive epidotized porphyry ab above. Lower contact @ 75°					%c	50												h	h	Box 5	✓	25 103230	1	3	2.1	.1	<.07		
						%c	55																26							
UNIT 4						Q	60										5		50			27.43	27 231	1	2	.9	.1	<.07		
						Q	50								-		h		7	h	28.0		28 232	1	2	2.6	.2	<.07		
						%c	40										h		10	h		✓	29 233	1	2	2.8	.2	<.07		
						%c	60										h		2	h			30 234	1	1	.3	.1	.07		
29.2-32.8	ANDESITE FLOW BRECCIA: (Abx)																				Box 6	30.48	31 235	1	4	3.8	.1	<.07		
						%c	60															31.24	32 236	1	0	0	.1	<.07		
UNIT 5						%c	50															31.85	33 237	1	3	.8	.1	<.07		
	30.2-30.8 Fault, core loss core shows shearing at 10 to 20°, SS, wisky																				33.5	33.99	34 238	1	2	.4	.25	<.07		
	Sharp lower contact @ 25°																													
32.8-33.5	FELSIC DYKE (Fel) Fine grained light grey to buff with vfg chilled margins Fine lathlike dark xlls. along margin (bedding like texture suggest tuff)																													
UNIT 6																														
	Lower contact sharp @ 23°																													

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 3 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	A.V.G. Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																												
33.5 – 38.0	FELDSPAR PORPHYRY DYKE																				✓	34	1						
	(Fdy) 10-15% green epidotized					%	50											tr	tr			103239		4	1.1	.1	<.07		
UNIT 7	feldspar (2-4 mm) in					Q	60									tr		3	tr			35 240	1	2	2.2	.2	<.07		
	med grey sl chloritized					%	45									tr		10	tr		35.81	36 241	1	1	.9	.1	<.07		
	fg matrix.					%	50											tr	tr		✓	37 242	1	3	1.3	.1	<.07		
						%	70													38.86	38.86	38 243	1	1	1.3	.1	<.04		
38.0 – 40.2	ANDESITE LAPILLI TUFF:																				✓	39 244	1	0	0	.1	<.07		
						%	70															40 245	1	3	.9	.1	<.07		
	(Alt) Dark grey green					Q	55														41.15	41 246	1	0	0	.1	.07		
UNIT 8	moderate chloritization																					42 247	1	0	0	0	<.07		
	epidotized feldspar XIIs																				95	43 248	1	0	0	.1	1.78		
																						44 249	1	4	1.9	.2	<.07		
	Foliated at 20 to 30°					Q	55									0		28		44.5	44.20	45 250	1	0	0	.1	.07		
																					✓	46 103251	1	0	0	.1	<.07		
40.2 – 42.5	FELDSPAR PORPHYRY DYKE:																				96.63	47							
	(Fdy) Dark grey green																												
UNIT 9	In part fg non																												
	porphyritic																												
	Massive																												
	Epidotized feldphenos																												
	Sl chloritized																												
42.5 – 46.6	ANDESITE TUFF:																												
	(Alt) Light grey green																												
UNIT 10	Flow foliation at 35°																												
	Crackle bx, healed																												
	Some fgm of bx frags																												
	Moderately hard																												
	Sl chloritized																												

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 4 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: %V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG ↔ SAMPLE LOG																					
46.6 – 48.4	FELDSPAR PORPHYRY DYKE: (Fdy2) Light grey Coarse (2-5mm) fresh white feldspheno's in grey siliceous matrix					%		60									tr			tr	Box 9	✓
UNIT 11	Distinct from Fdy units above (in colour, size and lack of alteration					%		35														
						%		40														
						%		80									tr					
						Q		60									2		20		Box 10	
						%		50														
						%		45														
48.4 – 77.0 UNIT 12	ANDESITE; FINE GRAINED: (Af5) Dark grey green Strong early fab and shearing / breaks with white qtz/calc					%		45									tr				Box 11	
						Q		35									tr					
						%		40														
						%		20														
	Scattered 3° QV					Q		35									tr		tr	tr	Box 12	
	Moderate pervasive chlor					%		70									tr		tr			
	54.2-54.9 Broken sheared core @ 40°					%		40									tr		2	tr		
						%		30									1		20		Box 13	
						%		60									tr		tr			
						%		45												tr	Box 14	
						%		40									tr					
						Q		45									tr		1	1		

ASSAY FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
47							
103 252 48	1	4	4.7	.1	<.07		
48.46 49 253	1	0	0	.1	<.07		
50 254	1	0	0	.1	<.07		
255 51	1	2	4.6	0	<.07		
51.51 52 256	1	0	0	0	<.07		
53 257	1	1	.2	.1	<.07		
53.80 54 258	1	1	.3	.1	<.07		
90 54.71 55 259	1	2	3.3	.2	<.07		
56 260	1	0	0	.1	<.07		
57 261	1	1	1.2	.1	.55		
57.76 58 262	1	2	1.6	.1	<.07		
59 263	1	2	2.3	.1	<.07		
60 264	1	1	1.1	.1	<.07		
60.05 61 265	1	1	3.0	0	.07		
103 266 62	1	1	5.7	.1	.07		
62.48 63 267	1	2	9.5	.1	<.07		
64 268	1	0	0	.1	.07		
65 269	1	0	0	.1	.34		
65.53 66 270	1	1	3.4	.1	<.07		
67 271	1	0	0	.1	<.07		
68 272	1	2	2.7	.1	<.07		
68.58 69 273	1	1	1.1	.2	<.07		
70 274	1	0	0	.1	<.07		
71 275	1	0	0	.1	.07		
71.63 72 276	1	0	0	.1	<.07		
73 277	1	3	2.9	.1	<.07		
74 278	1	0	0	.1	.55		
74.68 75 279	1	1	1.9	.1	<.07		
76 280	1	1	1.5	.1	.34		
77 281	1	1	1.1	.1	.14		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 5 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sulph./Ox.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																						✓	77							
77.0 – 84.8	FELDSPAR PORPHYRY DYKE: (Fdy) Slightly porphyritic felsic dyke. Light grey, massive fresh. Good 3° QV with Po & Cpy – bleached haloes 1–2 cm. Lower contact 25°					Q/c	60													2	5	77.5	77.72	103 282	1	5	2.6	.1	.14		
						Q/c	60													5				78 283	1	3	.8	.75	<.07		
						Q	20													4				284	1	1	5.3	1.0	.41		
UNIT 13						Q	75									2				2	tr		80.77	285	1	2	1.7	1.5	<.07		
						Q	55								–					25	tr		✓	286	1	4	5.6	1.0	<.07		
						Q/c	60									tr				3				287	1	2	.5	.2	<.07		
						Q	65													15		83.1	83.82	288	1	7	7.9	.2	<.07		
	haloes 1–2 cm. Lower contact 25°					Q	65													30	1		✓	289	1	4	4.0	.5	.62		
84.8 – 86.7	FELDSPAR PORPHYRY DYKE (Fdy-2) Light grey, fine & coarsely porphyritic dyke. Crowded white felsic phenos to 6 mm. Silicified and bleached along fabric	25				Q/c	65									tr				5	5			85 290	1	3	1.1	.1	.07		
						Q	65													3	2		86.97	86 291	1	1	.3	.1	<.07		
						Q/c	65													tr				87 292	1	3	1.4	.1	<.07		
UNIT 14						Q/c	60													tr	tr	tr	✓	88 293	1	1	.7	.1	<.07		
						Q/c	60													5	2	89.0	89.92	89 294	1	2	1.0	.1	<.07		
						Q/c	50													15	5			90 295	1	6	3.6	.1	<.07		
						Q	35																✓	91 296	1	1	1.3	.1	<.07		
						Q	45													1	2	2		92 297	1	1	5.2	0	<.07		
	Similar to UNIT 11 Lower contact at 30°					Q	50													tr	2	10	92.96	93 298	1	2	8.6	.2	<.07		
		30																				94.7	✓	94 299	1	0	0	.1	<.07		
						Q/c	45																	95 300	1	1	.8	.1	<.07		
86.7 – 92.7	FELDSPAR PORPHYRY DYKE (Fdy) Some lithology as unit 13 Lower contact @ 45°					Q/c	40													tr		tr	96.01	96 301	1	1	1.6	.1	<.07		
						Q	55													5	15	8		97 302	1	2	2.8	.1	<.07		
UNIT 15						Q/c	35												tr				✓	98 303	1	1	1.0	.1	<.07		
		45																					99.06	99							
92.7 – 98.9	ANDESITE: FINE GRAINED: Hor grn to Dk grn to grey (Afg) Mixed bag of deformed andesitic rocks similar to unit 12 Much early frac fill & Q/c healed Some bx zones Epidote patches Some very good QV w Po, Cpy																					100.3									
UNIT 16																															
		35																													

Lower contact @ 35°

NTS, MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 6 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Feldsp.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG → ← SAMPLE LOG																														
98.9 – 102.1	FELDSPAR PORPHYRY DIKE:					Q/C	60													Tr				99 304	1	2	2.1	.1	<.07		
	(Fdy) Slightly porphyritic					Q/C	70										Tr	1		5	Tr			100 305	1	3	2.3	.1	<.07		
UNIT 17	felsic dyke w/ch. 5-12% 1-6					Q/C	70											Tr		5	10	Box 19		101 306	1	4	1.55	.1	.07		
	light grey					Q/C	70											Tr		5				102 307	1	1	.7	.1	<.07		
	Lower contact at	40°				Q/C	50											Tr		Tr	Tr		102.11	103 308	1	2	1.0	.1	.82		
																								104 309	1	0	0	.1	<.07		
102.1 – 119.0	ANDESITE; FINE GRAINED:																					105.7	105.16	105 310	1	0	0	.1	<.07		
	(Afg) Mixed lithology					Q/C	50											Tr						106 311	1	0	0	.1	<.07		
UNIT 18	mostly fg sand, bx					Q/C	55															Box 20		107 312	1	1	.4	.1	<.07		
	Much edgy frags healed by Q/C					Q/C	60											Tr		5	Tr		108.20	108 313	1	2	1.3	.1	<.07		
	Scattered fg QV																							109 314	1	1	.2	.1	<.07		
	Small dykes (Unit 18 type):																							110 315	1	0	0	.1	<.07		
	110.7 – 111.9																					111.5	111.25	111 316	1	0	0	.1	<.07		
	112.4 – 113.1					Q	55											Tr		4	4			112 317	1	1	.2	.1	<.07		
	115.0 – 115.9					Q/C	55											Tr		2	5			113 318	1	2	.7	.2	.34		
	Sheared pyritic section					Q/C	65											2		Tr	8	Box 21		114 319	1	1	.9	.1	.55		
	115.9 – 116.7					Q/C	30																114.30	115 320	1	1	3.1	0	<.07		
	SHQ 35°			35		Q/C	50											Tr		2	8			116 321	1	1	.6	.1	<.07		
																						117.0	116.74	117 322	1	0	0	0	<.07		
119.0 – 126.3	FELDSPAR PORPHYRY DYKE																							118 323	1	0	0	.1	<.07		
	(Fdy) medium to coarse (1-5mm)					Q/C	60													5	5			119 324	1	7	3.6	.25	.07		
	white Fspar phenocrysts in					Q/C	65													Tr	15		118.63	120 325	1	1	.3	.1	<.07		
UNIT 19	light grey green matrix					Q/C	50													1	1	Box 22		121 326	1	3	2.4	.1	<.07		
	fresh					Q/C	65											Tr		Tr	Tr			122 327	1	4	1.2	.1	<.07		
	dissem. pyrite ≤ 5%					Q	50											Tr		2	Tr	122.3	122.68	123 328	1	5	4.0	.1	<.07		
	fairly high % of 3° QV (py, po)					Q/C	50											Tr			Tr			124 329	1	4	.8	.1	<.07		
	last 8m graduates to fine grained, dark rock - chilled margin					Q/C	70											Tr		Tr	1		125.75	125 330	1	5	2.1	.1	<.07		
																								126							

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87- SHEET No. 1 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: M.V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Sulph.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Metere Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																														
126.3 – 127.3	ANDESITE; FINE GRAINED																					BOX 23									
	(Afg) Upper contact @	45				Qz	65											tr			tr										
UNIT 20	Dark grey green moderate pervasive chloritization					Qz	65											tr			2	128.0		126							
	Minor shearing @ 35°					Qz	85																120.93	127 331	1	2	.4	.1	<.07		<.07
	moderate early fracturing					Qz	75																	128 332	1	2	1.1	.2	<.07		<.07
	healed w/ CO_3 – Qz					0	65										tr	5		tr	10	BOX 24		129 333	1	1	.3	.1	<.07		<.07
	very little 3° veining																							130 334	1	3	.5	.1	<.07		<.07
																							131.98	131 335	1	3	2.5	.2	.07		.07
						Qz	55											1		2	1			132 336	1	0	0	.1	<.07		<.07
																								133 337	1	1	1.0	.1	<.07		<.07
																						133.6		134 338	1	0	0	.1	<.07		<.07
127.3 – 129.3 UNIT 21	FELDSPAR PORPHYRY DYKE																														
	(Fdy) Light grey green massive fresh phenocrysts slightly sparser than in UNIT 19																														
	scattered 3° QV																														
	minor stockwork present																														
	lower contact @	20																													
129.3 – 134.1 UNIT 22	ANDESITE; FINE GRAINED																														
	(Afg) dark green																														
	- moderately chloritized																														
	- fine gr. with occasional clast (avg 1cm)																														
	- healed fractures filled w/ CO_3 – Qz																														
	some 2° veining																														
	minor 3° veining																														

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 8 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Res.
	LITHO LOG ←→ SAMPLE LOG																				
134.1 – 135.6	FELDSPAR PORPHYRY DYKE					Q/C	70									2		20	tr		
	(fdy) upper contact @	45				Q	70								tr	1		10			135.02
UNIT 23	massive					Q	75									tr		2		Box 25	
	slightly porphyritic sparse phenocr. grey green					Q/C	70							-		1		6	3		
	V. minor fracturing					Q	55									4		14	2		138.07
	healed w/ CO_2					Q	70									tr		10	tr	139.2	
	good 3° QV development (containing lots of ppy)					Q/C	55									tr		8			
135.6 – 141.1 UNIT 24	ANDESITE; FINE GRAINED																				
	(Afq) quite a variable unit - deformed altered																				
	predominantly fine gr.; w/ some clasts 2ndy (1-2cm)																				
	mottled - ranging from lighter to darker grey green																				
	shearing @ 30°																				
	moderate % healed fracturing																				
	- last 2m of unit is a 2° breccia clasts are dark green, matrix - light green altered intrusive Clasts & matrix chloritized, silicified																				
	- unit contains minor 3° veining																				
	- fair number of 2° veining																				
	- minor dissem ppy <1%																				

ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
134							
135 339	1	4	2.0	.1	<.07		
136 340	1	3	1.5	.1	<.07		
137 341	1	1	.6	.1	<.07		
138 342	1	3	.7	.1	.21		
139 343	1	4	3.4	.25	.89		
140 344	1	1	3.2	.1	<.07		
141 345	1	2	.8	.1	.21		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 2 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																													
141.1 – 159.8 UNIT 25	FELDSPAR PORPHYRY DYKE massive medium grained light grey green v. minor fracturing healed w/ CO_3 very good 3° QV development (cpy + py + CO_3) - stockwork - minor dissem. pyrite <.5%	40				Q/C		70										tr		8		BOX 26	141.12	141							
						Q/C		80										tr		tr				142	346	1	5	4.6	.2	<.07	
						Q/C		80												tr	tr		✓	143	347	1	4	3.2	.1	<.07	
						Q/C		60										1		5		144.9	144.32	144	348	1	3	1.4	.1	<.07	
						Q/C		65										tr		3			✓	145	349	1	4	.9	.1	<.07	
						Q/C		55										tr		4				146	350	1	7	6.2	.1	<.07	
						Q/C		70																147	351	1	6	5.8	.75	<.07	
						Q/C		60										1		4	2		147.37	148	352	1	3	.9	.1	<.07	
	QV @ 150.6m 5cm. w/ alteration halo (2-3cm)					Q/C		65										tr				BOX 27	✓	149	353	1	4	2.1	.1	<.07	
						Q		65										tr		tr				150	354	1	4	2.5	.1	<.07	
	Fault zone @ 149.65 – 149.85 broken rock, fault gouge				70	Q/C		65										tr		5		150.4	150.42	151	355	1	1	5.3	.1	<.07	
						Q/C		70										tr			tr		✓	152	356	1	.5	3.3	.1	<.07	
						Q/C		65										5		30				153	357	1	3	3.6	.1	<.07	
						Q/C		65										2		20		BOX 28	153.62	154	358	1	3	6.6	.2	<.07	
						Q/C		70										tr		tr			✓	155	359	1	4	9.1	.1	.82	
159.8 – 225.55 EOH UNIT 26	ANDESITE FLOW BRECCIA (Abx) colour going from light to dark grey green top 2m of unit more of a lapilli tuff graduating to a breccia which is more silicified + pervasively chloritized. Fracturing healed w/ Qtz-CO_3					Q/C		60												tr			156.51	156	360	1	4	3.2	.2	<.07	
						Q/C		55										tr		1		156.4		157	361	1	3	1.4	.1	<.07	
						Q/C		60										2		13			✓	158	362	1	4	2.5	.1	.55	
						Q		65										2		2			159.56	159	363	1	11	4.7	.2	<.07	
						Q/C		66										tr		1		BOX 29	✓	160	364	1	4	4.3	.1	<.07	
						Q		60										tr		3				161	365	1	3	3.0	.1	.07	
						Q/C		65										1		2		162.0	162.00	162	366	1	2	1.4	.1	<.07	
						Q/C		70																163	367	1	5	7.2	.1	.07	
	169 – 173.6 matrix is light coloured + pink + green (epidote) flags + matrix very siliceous					Q/C		70															✓	164	368	1	1	.4	.1	<.07	
						Q/C		75													tr		165.05	165	369	1	1	.2	.1	<.07	
						Q/C		75										tr		tr		BOX 30		166	370	1	2	.4	0	<.07	
	becoming less siliceous @ 176m predominant 2° veining very little 3° QV					Q/C		70										tr		tr			✓	167	371	1	1	.6	.1	<.07	
																						167.7		168	372	1	3	.5	0	<.07	
	Zone of shearing 198.2 – 198.6 @ 35° slickenside 201.73 @ 35°					C		70															168.10	169	373	1	0	0	0	<.07	
																								170	374	1	1	.8	.1	<.07	
																							170.65	171	375	1	0	0	.1	<.07	

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 10 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																													
																							121							
	A6x UNIT 26 CONT'D					%C		55															171 376	1	2	2.3	.1	<.07		
						Q		65												tr			172 377	1	1	1.8	.1	.07		
	contd shearing @ 35°					%C		50													193.5	173.74	174 378	1	1	.8	.1	<.07		
	contd moderate bedded fracturing.					%C		60														✓	175 379	1	1	.9	0	<.07		
						%C		65												tr			176 380	1	2	.8	.1	<.07		
	small intervals of A6g					%C		65												2		176.78	177 381	1	4	1.2	.1	<.07		
						%C		80														✓	178 382	1	1	.2	.1	<.07		
	eg 217.2 – 219.8m					%C		65										1		5	179.2	179.07	179 383	1	1	1.2	.1	<.07		
	& 221.3 – 223.1m					%C		70															180 384	1	1	.5	.1	<.07		
	exhibits good example					%C		70												tr		✓	181 385	1	1	.5	.1	<.07		
	of crackle bx.					%C		60										tr		tr			182 386	1	1	.3	.1	<.07		
																						182.12	183 387	1	0	0	.1	<.07		
						%C		25														50 183.64	184 388	1	1	2.0	.1	<.07		
						%C		65													185.0	✓	185 389	1	1	.4	.1	<.07		
						%C		80															186 390	1	1	.2	.1	<.07		
						Q		80														186.54	187 391	1	1	2.8	.1	<.07		
																						✓	188 392	1	0	0	0	<.07		
																							189 393	1	0	0	.1	<.07		
						Q		60										tr		1		189.74	190 394	1	1	3.6	.1	<.07		
						%C		70									tr				190.8	✓	191 395	1	2	.4	.1	<.07		
						%C		75															192 396	1	1	.2	0	<.07		
						%C		70										tr		tr		192.79	193 397	1	2	2.2	.1	.07		
						%C		15										tr				✓	194 398	1	1	.5	.1	<.07		
																							195 399	1	0	0	.1	<.07		
						%C		50												tr		195.83	196 400	1	1	1.5	.1	<.07		
						%C		75										tr		tr	196.3	50	197 401	1	4	3.0	.1	<.07		
						Q		40									tr						198 402	1	2	2.7	.1	<.07		
						Q		45										tr		tr		198.58	199 403	1	1	4.0	.1	<.07		
						%C		55										tr		tr		✓	200 404	1	3	1.7	.1	<.07		
						Q		55															201 405	1	1	3.0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-4 SHEET No. 11 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: Av.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
	Abx UNIT 26 CONT'D					Q/C	65											Tr		Tr				201							
	pyritic shearing at 222.4 m. at 30°					Q/C	60											Tr		Tr		201.9	201.63	202 406	1	1	.2	.1	<.07		
						Q/C	65											Tr		Tr			✓	203 407	1	3	4.9	.1	<.07		
						Q	60											2		B		Box 37		204 408	1	2	1.1	.1	<.07		
																						204.83	205 409	1	3	4.5	.1	.07		
																						✓	206 410	1	0	0	.1	<.07		
						Q/C	75											Tr		Tr			206.64	207 411	1	1	9.0	.1	.27		
						Q/C	70															207.5	✓	208 412	1	1	.7	.1	<.07		
						Q/C	50																	209 413	1	1	.5	.1	.14		
						Q	60														Tr	Box 38	209.05	210 414	1	3	2.4	.1	<.07		
																							✓	211 415	1	0	0	.1	<.07		
																								212 416	1	0	0	.1	<.07		
						Q	50											Tr		Tr			212.14	213 417	1	1	2.6	.1	.48		
						Q/C	70											Tr		Tr		213.0	✓	214 418	1	1	.7	.1	<.07		
						Q/C	65															Box 39		215 419	1	1	.4	.1	<.07		
																							215.34	216 420	1	0	0	.1	<.07		
						Q/C	60													Tr				217 421	1	3	3.4	.1	<.07		
						Q/C	45											Tr		Tr			✓	218 422	1	3	6.8	.1	<.07		
						Q/C	45											Tr		Tr		218.6	218.39	219 423	1	1	1.5	.1	.07		
						Q/C	50											Tr		B		Box 40		220 424	1	3	2.4	.1	.07		
						Q	80																✓	221 425	1	1	1.0	.1	<.07		
						Q/C	45																221.44	222 426	1	1	.5	.1	<.07		
						Q	80														Tr		✓	223 427	1	1	1.2	.1	<.07		
																							223.72	224 428	1	0	0	.1	<.07		
						Q/C	45															224.3	✓	225 429	1	2	1.1	.1	<.07		
						Q/C	40															224.5	225.55	225.55 430	.55	1	10.8?	.1	.07		
																						EOH									

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: AUG 09/87 | DATE COMPLETED: AUG 20/87

DEPTH	DIP	AZ.
0	32°	128°
[illegible]16	28°	128°
[illegible]71	27°	128°

LENGTH : 273.41 | ELEVATION : 20 m | NORTHING : 9198 | EASTING : 4984

PROPERTY : TOMMY | CORE SIZE : NQ | SCALE OF LOG :

HOLE No. : T87-5 | SHEET No. 1 of 10 | LOGGED BY : KS | DATE : AUG 10

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Clevx./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size	VEIN ENVELOPES: Thickness	% Si	% Sulph	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec.
	LITHO LOG ← → SAMPLE LOG																							
0.0 – 4.0 UNIT 1	ANDESITE FLOW BRECCIA (Abx) - Dark grey-green pervasive chloritization & silicification; v. little veining or healed fracturing - quite broken up - oxidation of sulphides					Q/C	70							sulphides oxidized, leached	?						tr		0	90
						Q/C	55														tr			
						Q/C	60																	
						Q/C	60														tr		5.9	
4.0 – 9.1 UNIT 2	FELDSPAR PORPHYRY DYKE (Fdy) light grey, green massive (fresh) phenocrysts - fairly sparse in places good development of 30° veining (minor py, cpy) - contains minor dissem. py <.5%					Q/C	55														tr	tr		
						Q/C	60														tr			
						Q/C	50														tr			
						Q/C	45																11.5	
	sharp lower contact at	11				Q/C	55																	
																							16.8	
9.1 – 27.2 UNIT 3	ANDESITE FLOW BRECCIA (Abx) - As for UNIT 1 - slightly more healed fracturing w/ CO_3 + Qz moderately silicified & chloritized					Q/C	65														tr			
						Q/C	65																22.5	
						Q/C	35																	
	19.4m - shearing @ 10°					Q	55																	

Meter Blocks	Est. core rec.	FROM	SAMPLE No. TO	Sample Length	No Va	% Va	% Si	Au g/t		Ag g/t
0		0								
	90	1	431	1	0	0	.1	<.07		
		2	432	1	0	0	.1	<.07		
Box 1	2.74	3	433	1	0	0	.1	<.07		
	✓	4	434	1	1	.5	.1	<.07		
	4.27	5	435	1	6	2.9	.75	<.07		
5.9	✓	6	436	1	3	1.1	1.0	<.07		
	6.71	7	437	1	4	1.5	.1	<.07		
	✓	8	438	1	4	5.2	1.0	<.07		
Box 2	8.69	9	439	1	3	.9	.5	<.07		
		10	440	1	2	.8	.1	<.07		
	10.82	11	441	1	1	.5	.1	<.07		
11.5	11.75	12	442	1	0	0	.1	<.07		
	12.80	13	443	1	0	0	0	<.07		
Box 3	✓	14	444	1	0	0	.1	<.07		
		15	445	1	0	0	.1	<.07		
	15.85	16	446	1	1	.4	.1	<.07		
		17	447	1	0	0	.1	<.07		
16.8	✓	18	448	1	0	0	.1	<.07		
	18.30	19	449	1	0	0	.1	<.07		
		20	450	1	0	0	.1	<.07		
Box 4	✓	21	451	1	3	1.9	.1	<.07		
	21.35	22	452	1	0	0	.1	<.07		
		23	453	1	1	1.5	.1	<.07		
22.5	✓	24	454	1	0	0	.1	<.07		
	24.69	25	455	1	0	0	.1	<.07		
Box 5	✓	26	456	1	1	.9	.1	<.07		
		27	457	1	1	2.3	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 2 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Pyrit.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
27.2 – 29.6 UNIT 4	FELDSPAR PORPHYRY DYKE (Fdy) dark grey green matrix w/ white phenocrysts ≤2mm quite fine grained in areas moderate % of 3° QV lower contact @	30				Qc		40											tr	tr	28.1'	27.89	27							
						Qc		60											tr	tr		✓	28	458	1	1	.7	.25	<.07		<.07
						Qc		20									tr						29	459	1	7	2.3	.5	<.07		<.07
						Qc		65											tr			30.94	30	460	1	1	.3	.5	<.07		<.07
																					8x6		31	161	1	5	3.5	.45	<.07		<.07
																							32	462	1	0	0	.3	<.07		<.07
						Qc		65										tr		2	32.9	✓	33	463	1	4	2.3	.25	<.07		<.07
						Qc		70										tr		2			34	464	1	5	2.9	.5	<.07		<.07
29.6 – 32.0 UNIT 5	ANDESITE FLOW BRECCIA (Abx) - Dark grey green - pervasive chloritization - V. minor 3° veining minor 2° veining					Qc		65										tr		tr		33.38	35	465	1	6	3.1	.25	<.07		<.07
						Qc		40														✓	36	466	1	1	.4	.25	<.07		<.07
						Qc		65										tr		2			37	467	1	3	2.4	.1	<.07		<.07
						Qc		65										tr		tr		37.03	38	468	1	5	4.9	.1	<.07		<.07
						Qc		60								tr		tr		tr			39	469	1	3	3.5	.3	<.07		<.07
						Qc		60									tr				39.4		40	470	1	4	1.9	.1	<.07		<.07
32.0 – 39.6 UNIT 6	FELDSPAR PORPHYRY DYKE (Fdy) dark grey green matrix w/ fresh white phenocrysts which are predominantly coarse good 3° development (qvt+qv) dissem pyrite lower contact @	15																												
	36.0 – 37.0 m – core broken up 3° veins contain high % of chlorite																													
	small section of Abx 35.8 – 36.2																													

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 3 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G. Size V.G.mm.	% Chlorite	Epidote	Quartz	Spar/L.	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
39.6 – 90.8 UNIT 7	ANDESITE FLOW BRECCIA (Abx) dark grey green pervasive chloritization moderate silicification epidotization → patchy moderately fractured – healed w/ Clz + Qz scattered 3° veins					%		60											Hr				40							
						%		60									Hr					40.23	41 471	1	1	1.4	.1	<.07		
						%		40							4		Hr			Hr			42 472	1	0	0	.25	<.07		
																							43 473	1	0	0	.1	<.07		
																						43.28	44 474	1	2	.7	.1	<.07		
																							45 475	1	1	4.4	.1	<.07		
																					45.0		46 476	1	0	0	.25	<.07		
																							47 477	1	0	0	.1	<.07		
																						46.33	48 478	1	0	0	.1	<.07		
																							49 479	1	0	0	.1	<.07		
																							50 480	1	0	0	.1	<.07		
																						49.36	51 481	1	0	0	.1	<.07		
																					50.8		52 482	1	1	.4	.1	<.07		
																						51.82	53 483	1	0	0	.1	<.07		
																							54 484	1	0	0	.1	<.07		
																						53.95	55 485	1	1	.2	.1	<.07		
																							56 486	1	2	.9	.1	<.07		
																					56.6		57 487	1	3	.8	.1	<.07		
																						57.00	58 488	1	7	6.6	.1	<.07		
																							59 489	1	0	0	.1	<.07		
																							60 490	1	0	0	.1	<.07		
																						60.05	61 491	1	1	.9	.1	<.07		
																						61.54	62 492	1	0	0	.1	<.07		
																					62.4		63 493	1	0	0	.1	<.07		
																							64 494	1	0	0	.1	<.07		
																							65 495	1	1	1.0	.1	<.07		
						%		60							Hr		2	8				64.62	66 496	1	1	.8	.1	<.07		
						%		75															67 497	1	0	0	.1	.07		
																						67.67	68 498	1	0	0	.1	.15		
						%		45							3		Hr		Hr		68.2		69 499	1	1	1.3	.1	.55		
																							70 103500	1	0	0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 4 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	B.V.G. Size V.G.mm.	% Chlorite	Epidote	Quartz	Sulph.	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																													
90.8 – 92.8 UNIT 8	FELDSPAR PORPHYRY DYKE (Fdy) massive dark grey green matrix with fresh white phenocrysts < 2mm.					%	55								tr		tr		2	tr			70							
						%	55										tr				73.9	73.76	71 102501	1	0	0	.1	<.07		
						%	50															✓	72 502	1	2	2.1	.1	<.07		
92.8 – 115.7 UNIT 9	ANDESITE FLOW BRECCIA (Abx) colour ranges from light grey green to dark grey green the lighter coloured clasts are softer (less silicified) predominantly silicified & chloritized patchy epidotization tends to weakly affect the matrix moderate fracturing healed w/ Qz-CO3 Sound 3° Qv. Fault (+ Fault gauge) at 97.15m @ 25° Afg - small section from 109.8 – 110.4 m					%	65																73 503	1	0	0	.1	<.07		
						%	40										tr						74 504	1	1	1.2	.1	<.07		
						%	55																75 505	1	0	0	.1	<.07		
						%	75																76 506	1	2	.6	.1	<.07		
						%	50																77 507	1	1	.3	.1	<.07		
															tr		tr			tr			78 508	1	0	0	.1	<.07		
						%	70																79 509	1	1	3.3	.1	<.07		
						%	50													tr			80 510	1	1	1.5	.2	<.07		
						%	60								tr					tr			81 511	1	0	0	.1	<.07		
						%	45																82 512	1	0	0	.1	<.07		
						%	55											tr		tr			83 513	1	1	.5	.1	<.07		
						%	40										tr						84 514	1	1	.3	.1	<.07		
						%	80																85 515	1	1	.8	.1	<.07		
						%	25																86 516	1	0	0	.1	<.07		
						%	80										tr			tr			87 517	1	1	.5	.1	<.07		
																							88 518	1	2	1.2	.1	<.07		
																							89 519	1	0	0	.1	<.07		
																							90 520	1	2	1.0	.1	<.07		
																							91 521	1	1	.3	.1	<.07		
																							92 522	1	5	5.5	.2	<.07		
																							93 523	1	1	.3	.5	<.07		
																							94 524	1	0	0	.1	<.07		
																							95 525	1	0	0	.1	<.07		
																							96 526	1	0	0	.1	<.07		
																							97 527	1	2	.6	.1	<.07		
																							98 528	1	1	1.0	.1	<.07		
																							99 529	1	1	.4	.1	<.07		
																							100 530	1	0	0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 5 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sulph.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Mo.Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																														
115.7 – 141.9 UNIT 10	FELDSPAR PORPHYRY DYKE (Fdy). light grey to dark grey green, matrix white phenocrysts (up to 6mm) this unit is quite silicified					Q/C		45												tr	tr	Box 18		100							
																							101.20	101 531	1	1	.8	.1	<.07		
																								102 532	1	0	0	.1	<.07		
						Q/C		50												tr	tr	102.8	/	103 533	1	2	2.5	.1	<.07		
																								104 534	1	0	0	.1	<.07		
																						Box 19	104.24	105 535	1	0	.0	.1	<.07		
						Q/C		50												tr	tr			106 536	1	3	1.0	.1	<.07		
						Q/C		55													tr		/	107 537	1	1	.4	.1	<.07		
						Q/C		45												tr			107.29	108 538	1	1	.3	.1	<.07		
																						108.5		109 539	1	0	0	.1	<.07		
						Q/C		70															/	110 540	1	1	1.1	.1	<.07		
						Q/C		50										tr		tr	tr	Box 20	110.38	111 541	1	3	1.6	.1	<.07		
						Q		30															/	112 542	1	1	.6	.1	<.07		
																								113 543	1	0	0	.1	<.07		
						Q/C		45												1	10		113.39	114 544	1	2	1.8	.2	<.07		
						Q/C		50										tr				114.2	/	115 545	1	1	.2	.1	<.07		
																								116 546	1	0	0	.1	<.07		
						Q/C		55									tr				5		116.43	117 547	1	2	.6	1.5	<.07		
						Q/C		60									tr			tr	50	Box 21		118 548	1	4	2.2	2.5	<.07		
						Q/C		70									tr			tr	15		/	119 549	1	5	1.4	2.5	<.07		
						Q/C		70									tr				8		119.48	120 550	1	8	2.7	3.0	<.07		
						Q		60									2			tr	4	120.0		121 551	1	4	1.5	2.5	<.07		
						Q/C		55													10		120.55	122 552	1	9	3.1	3.5	<.07		
						Q		55									10			tr	5	5	/	123 553	1	5	5.8	3.0	.14		
						Q/C		40									tr			tr	1		122.53	124 554	1	1	.5	2.0	<.07		
						Q/C		60													10		/	125 555	1	3	.8	2.5	<.07		
						Q/C		70													8		125.8	126 556	1	3	2.0	2.5	<.07		
						Q/C		60									2				10	125.7		127 557	1	5	1.3	2.5	<.07		
																						Box 23	/	128 558	1	0	0	3.0	<.07		
						Q/C		70													5		128.6	129 559	1	3	.9	2.5	.27		
						Q		65									tr				tr			130 560	1	3	5.1	2.5	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 6 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	w.v.s.	Size V.G.mm.	% Chlorite	Epidote	Quartz	Pyrl.	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																														
141.9 – 190.7 UNIT II	ANDESITE FLOW BRECCIA (Abx)																				Hr		90	130							
	- Dark green					Q	45														5			561	1	1	.5	1.5	<.07		
	- pervasive chloritization					Q/C	65									Hr					5		131.67	562	1	4	1.1	1.5	<.07		
	- moderate silicification					Q	10									Hr			Hr		5	132.4	✓	563	1	2	9.2	1.0	.14		
	- patchy, minor epidotization					Q	45									2					25			564	1	2	1.8	2.5	<.07		
	moderate fracturing healed					Q/C	75									Hr					8		134.72	565	1	1	.5	.5	<.07		
	w/ CO_3 + Qz					Q/C	70									Hr			Hr		30		95	566	1	3	.8	1.5	<.07		
	very little 3° QV					Q	55									Hr					Hr			567	1	1	1.0	1.0	.14		
	- moderate shearing at 20°					Q/C	65									Hr			Hr		5	137.0	137.77	568	1	5	2.1	1.0	<.07		
						Q/C	60									Hr					5		✓	569	1	7	2.7	.75	<.07		
						Q/C	60														5			570	1	2	.4	1.5	<.07		
	182.2 – 183.4 Afg? very broken up partially oxidized sulphides highly fractured – healed with Qz – CO_3																						140.81	571	1	0	0	1.0	<.07		
						Q/C	70														3		✓	572	1	1	.2	.75	<.07		
																						142.7		573	1	0	0	.1	.07		
						Q/C	70																143.87	574	1	2	.3	.1	.41		
																							✓	575	1	0	0	.1	<.07		
						Q/C	75											Hr						576	1	1	.2	.1	<.07		
																							146.91	577	1	0	0	.1	<.07		
						Q/C	75																✓	578	1	1	.2	.1	<.07		
						Q/C	65									15						148.6		579	1	2	2.8	.4	<.07		
																							149.96	580	1	0	0	.1	<.07		
																								581	1	0	0	.1	<.07		
																							✓	582	1	0	0	.1	<.07		
																								583	1	0	0	.1	<.07		
						Q/C	55											Hr		Hr			153.01	584	1	1	.2	.1	<.07		
																						154.3	✓	585	1	0	0	.1	<.07		
																								586	1	0	0	.1	<.07		
																							156.06	587	1	1	1.2	.1	<.07		
						Q	70																✓	588	1	0	0	.1	<.07		
																								589	1	0	0	.1	<.07		
																						159.2	159.11	590	1	0	0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 7 OF 10

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G.mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG ↔ SAMPLE LOG																					
	ADx. - UNIT 11 CONT'D																					
						Q/C		40										tr				
						Q/C		40									tr				165.9	165.20
						Q/C		30														
						Q/C		25														168.28
																					171.7	171.30
						Q/C		55											tr			
						Q/C		30											tr			
						Q/C		35									tr					174.35
																					177.4	177.30
						Q/C		35									tr					
						Q/C		25										tr	tr			
						Q		60										tr	tr			
						Q/C		50														180.44
						Q/C		35												/	183.3	183.10
						Q/C		40														
						Q/C		50										tr	tr			
						Q		40														
						Q/C		60													188.9	188.55

ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
160							
161 591	1	0	0	.1	<.07		
162 592	1	0	0	.1	<.07		
163 593	1	0	0	.1	<.07		
164 594	1	1	.2	.1	<.07		
165 595	1	1	.2	.1	<.07		
166 596	1	1	.15	.1	<.07		
167 597	1	1	.3	.1	<.07		
168 598	1	1	.9	.1	<.07		
169 599	1	0	0	.1	<.07		
170 600	1	0	0	.1	<.07		
171 601	1	0	0	.1	<.07		
172 602	1	0	0	0	<.07		
173 603	1	1	.7	.1	<.07		
174 604	1	1	.9	.1	<.07		
175 605	1	1	.2	.1	<.07		
176 606	1	0	0	.1	<.07		
177 607	1	0	0	.1	<.07		
178 608	1	1	.2	.1	<.07		
179 609	1	1	.2	0	<.07		
180 610	1	1	.5	.1	<.07		
181 611	1	1	.2	.1	<.07		
182 612	1	0	0	.1	<.07		
183 613	1	1	.3	.1	<.07		
184 614	1	1	.2	.1	<.07		
185 615	1	1	.4	.1	<.07		
186 616	1	0	0	.1	<.07		
187 617	1	1	1.4	.1	<.07		
188 618	1	1	.2	.1	<.07		
189 619	1	0	0	.1	<.07		
190 620	1	0	0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 8 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Pyrite	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ↔ SAMPLE LOG																													
190.7 – 208.0	FELDSPAR PORPHYRY DYKE?					Q	70										tr						190							
UNIT 12	(Fdy3) - light grey green to dark grey green predominantly fine grained with sparse white phenocrysts					C/Q	75												tr				191 621	1	1	.3	.1	<.07		
						Q/C	60												3				192 622	1	4	2.0	.1	<.07		
						C/Q	75								tr				tr			192.63	193 623	1	3	.8	.1	<.07		
						Q/C	40												3	1	194.7	/	194 624	1	4	1.7	.1	<.07		
	- pervasive silicification					Q	60									5		2	20				195 625	1	4	1.1	.1	<.07		
	- good 3° QV development					Q	70											tr	3			195.68	196 626	1	5	15.3	.25	<.07		
						Q/C	65												2			/	197 627	1	3	1.2	.1	<.07		
	many healed "micro" fractures healed with CO_3 - Qz					Q	70												1			197.36	198 628	1	10	3.1	.2	<.07		
						Q/C	70												tr				199 629	1	3	1.0	.1	<.07		
	Near the top of the unit there is a 15cm section of very fine gr light grey green rock - felsic dyke?					Q	60												2			95	200 630	1	4	4.3	.1	<.07		
						Q/C	60												1			200.3	200.25	201 631	1	3	.7	.25	<.07		
						Q/C	75										tr		tr	tr		/	202 632	1	8	3.7	.1	<.07		
						Q/C	70																203 633	1	5	1.8	.25	<.07		
	Fault zone at 194.1 – muddy				40	Q/C	60												tr	tr		203.30	204 634	1	3	1.3	.5	<.07		
						Q/C	70												tr			/	205 635	1	3	1.4	.3	<.07		
	194.7 – 196.7m Abx? small section which is totally sheared @ 45° pitched and partially melted.																				206.1		206 636	1	4	2.1	.75	<.07		
																						206.35	207 637	1	0	0	1.0	<.07		
						Q/C	75												2			/	208 638	1	4	1.5	.75	<.07		
						Q/C	75										tr		2				209 639	1	4	1.4	.1	<.07		
																						209.40	210 640	1	0	0	.5	.07		
																							211 641	1	0	0	.3	.07		
						Q/C	40													tr	211.7		212 642	1	1	.2	.5	.07		
208.0 – 212.6	ANDESITE: FINE GRAINED																													
	(Afg) Dark grey green with 1m edges of grey brown. the edges seem to have																													
UNIT 13	fractured with the dykes & are partially melted & sheared																													
	- moderate fine grained microfracturing																													
	- pervasive chloritization																													
	- patchy silicification and epidotization																													
	- disseminated pyrite ~ 1%																													

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 9 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Metres	% V.G.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
212.6 – 218.1 UNIT 14	FELDSPAR PORPHYRY DYKE (Fdy) very light grey green phenocrysts coarse & moderately sparse					Q	50													tr	Box 38	212.45	212							
						Q	60												tr	5		90	213	643	1	3	6.6	.5	.48		
						Q	70									1			2			213.37	214	644	1	5	19.9	1.5	1.82		
						Q	55									2		tr	2			✓	215	645	1	5	3.0	.5	.14		
						Q	65									tr		tr	8				216	646	1	3	1.4	1.0	.07		
	good 3° vein development disseminated pp ~ 2%					Q	75												5		217.5	217.01	217	647	1	6	1.5	1.5	.07		
																							218	648	1	2	.9	1.0	.07		
																						✓	219	649	1	0	0	.25	.07		
	Fault zone 212.9 – 213.7 rock broken up. Fill & mud/clay – fault gouge. Lower contact	65			45	Q	70											tr	2		Box 39	220.07	220	650	1	3	2.8	1.0	.07		
																							221	651	1	0	0	.75	.07		
						Q	70											tr	tr			✓	222	652	1	1	.3	.75	.07		
218.1 – 273.41 EOH UNIT 15	ANDESITE: FINE GRAINED (Afg) – Dark green predominantly fine grained with occasional clasts pervasive chloritization light patches of silica & epidote are fairly common					Q	75											2	10		223.3	222.11	223	653	1	2	1.3	.2	.07		
						Q	70																224	654	1	1	1.8	.25	.07		
						Q	65										tr					✓	225	655	1	1	.2	.2	.07		
						Q	60											tr	10		Box 40	226.16	226	656	1	3	2.1	.25	.07		
						Q	25																227	657	1	1	1.3	.1	.07		
						Q	65												tr			✓	228	658	1	1	.7	.1	.07		
						Q	60											1	4		228.9		229	659	1	3	3.7	.1	<.07		
																						229.21	230	660	1	0	0	.1	<.07		
	Lots of 2° veining scattered 3° QV					Q	65								tr				tr		Box 41	✓	231	661	1	5	4.2	.1	<.07		
						Q	70											tr	2			232.24	232	662	1	3	1.0	.1	<.07		
	moderate faulted fracturing bedding / foliation @		15°			Q/C	55											tr	tr				233	663	1	2	1.3	.25	<.07		
						Q/C	75												tr			✓	234	664	1	3	2.6	.2	<.07		
	disseminated pyrite <1%					Q	70													tr	234.7		235	665	1	3	1.6	.2	<.07		
						Q/C	80											tr	5			235.31	236	666	1	3	3.4	.1	<.07		
	small dyke 220.7 – 221.5 dark green w/ white phenocr.					Q/C	70													tr	Box 42	✓	237	667	1	2	.4	.1	<.07		
						Q/C	35													tr			238	668	1	2	4.8	.1	<.07		
						Q/C	55											5	20			238.35	239	669	1	2	1.4	.1	.27		
						Q	60											2	25		240.3	✓	240	670	1	3	1.4	.1	.07		
																							241	671	1	0	0	.1	<.07		
																						241.46	242	672	1	0	0	.1	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-5 SHEET No. 10 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	% V.G.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG ← → SAMPLE LOG																					
						Q		60									3		4			✓
						Q/C		60									2		10			
						Q		65									5		30	Tr		244.45
																					246.0	✓
						Q/C		80									1		15			
						Q		65									Tr		Tr			247.50
						Q/C		85									Tr		Tr			✓
						Q		50									Tr		15			
						Q/C		60									3		12		251.7	250.55
						Q		70									Tr		2			
						F/C		65									Tr		Tr			✓
						Q		70									Tr		1			253.60
						Q/C		70									Tr		1			
						Q/C		65												Tr		-
						Q/C		70													257.5	256.61
						Q/C		75														
						Q/C		70									10		50			95
						Q		55									Tr		5	3		
						Q		65									Tr		Tr			259.69
																						✓
						Q		65													262.9	261.52
						Q/C		65									3		10	Tr		95
						Q/C		50									Tr					264.26
						Q		70											Tr			✓
						Q/C													3	Tr		
						Q/C		60								Tr			1		268.8	267.31
																				Tr		✓
						Q/C		40														
						Q/C		65								Tr	Tr		5			270.30
						Q/C		75									Tr		10			✓
						Q/C		60									5		45		273.41	273.41

EOH

ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
242 673	1	3	4.3	.2	.07		
243 674	1	3	1.3	.1	<.07		
244 675	1	1	1.8	.1	.07		
245 676	1	0	0	.1	<.07		
246 677	1	3	2.4	.1	<.07		
247 678	1	2	4.2	.1	<.07		
248 679	1	2	.4	.25	<.07		
249 680	1	3	2.2	.2	.62		
250 681	1	2	2.6	.2	.34		
251 682	1	1	3.3	.1	<.07		
252 683	1	1	.5	.1	<.07		
253 684	1	1	4.3	.1	<.07		
254 685	1	3	2.4	.1	<.07		
255 686	1	4	2.6	.1	<.07		
256 687	1	4	.8	.1	<.07		
257 688	1	3	1.9	.1	<.07		
258 689	1	2	3.3	1.0	.10		
259 690	1	2	6.7	.2	1.27		
260 691	1	2	1.4	.1	<.07		
261 692	1	0	0	.1	<.07		
262 693	1	1	1.6	.1	<.07		
263 694	1	3	3.4	.1	<.07		
264 695	1	1	.2	.1	<.07		
265 696	1	1	1.6	.1	<.07		
266 697	1	2	.8	.1	<.07		
267 698	1	3	3.6	.1	<.07		
268 699	1	0	0	.1	<.07		
269 700	1	1	1.3	.1	<.07		
270 701	1	7	5.9	.1	<.07		
271 702	1	5	3.5	.25	<.07		
272 703	1.41	1	3.8	.2			

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: AUG 25 | DATE COMPLETED: SEPT 9

	DEPTH	DIP	AZ.
	0	-10	130
	352.65	-10	130

LENGTH : 352.65 | ELEVATION : 39 m | NORTHING : 8810 | EASTING : 4578

PROPERTY : TOMMY | CORE SIZE : NQ | SCALE OF LOG :

HOLE No. : T87-6 | SHEET No. 1 of 14 | LOGGED BY : KS/DL | DATE : SEPT 11/87

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size V.G. mm	VEIN ENVELOPES: Thickness	% S.I	% Sulph	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec.
	LITHO LOG ← → SAMPLE LOG																							
	T87-6																							
UNIT	LITHO SUMMARY																							
						VEIN																		
1	0.0 - 11.3 Xlt							16	231.0 - 242.0							Fdg + ?			10					
2	11.3 - 13.3 Fdg							17	242.0 - 248.1							Alt								
3	13.3 - 17.8 Xlt							18	248.1 - 268.2							At								
4	17.8 - 33.2 Fdg							19	268.2 - 287.6							Alt								
5	33.2 - 42.4 Fel 45							20	287.6 - 304.8							At								
6	42.4 - 141.0 Xlt							21	304.8 - 308.1							Afg								
7	141.0 - 172.5 At							22	308.1 - 343.6							At								
8	172.5 - 180.3 Xlt 30							23	343.6 - 345.9							Afg								
9	180.3 - 196.2 At							24	345.9 - 352.65							At								
10	196.2 - 199.3 Xlt																							
11	199.3 - 203.0 At																							
12	203.0 - 211.3 Xlt 30																							
13	211.3 - 223.8 Fdg - ?																							
14	223.8 - 227.0 Alt																							
15	227.0 - 231.0 At																							

ASSAY: FROM SAMPLE No. TO	Sample Length	No Vn	% Vn	% Sl	Au g/t		Ag g/t

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 1 OF 14

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Type / Thickness / Angle	Graphic-veins: Generation / Meters / #V.G. / Size V.G.mm.	% Chlorite / Epidote / Quartz / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG															
0.0 – 11.3 UNIT 1	CRYSTALLINE LAPILLI TUFF								0							
	(Xlt) lighter grey green to darker grey/green.							70	1	1	0	0	.1			
	This unit is quite altered							2.13	2	1	0	0	.1			
	pervasive chloritization & silicification		C 30					90	3	1	0	0	.1			
	minor patches of epidotization							3.66	4	1	0	0	.5			
	high % of microfractures lined w/ Qz-CO3							80	5	1	0	0	.5			
	shearing common @ N 50-60°							4.42	6	1	1	.4	.2			
							6.6	6.40	7	1	0	0	.25			
	low clast : matrix ratio		0/C 60			tr tr		7.47	8	1	0	0	.5			
	the matrix is composed of fine grained material as well as a high % of feldspar crystals							8.39	9	1	0	0	.25			
								9.14	10	1	0	0	.25			
	clasts range in colour from dark green to buff/pink							10.66	11	1	2	.6	.1			
							11.3	11.28	12	1	0	0	.1			
	scattered 3° QV (py.cpy) minor dissem. pyrite							95 12.50	13	1	0	0	.1			
11.3 – – 13.3	FELDSPAR PORPHYRY DYKE															
UNIT 2	(Fdy) Dark green matrix w/ light coloured phenocrysts – coarse –															
	- minor 3° QV - contains dissem pyrite <1%															

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 2 OF —

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G.mm.	% Chlorite	Epidote	Quartz	Spdc	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG ←→ SAMPLE LOG																						
13.3 – 17.8 UNIT 3	Crystalline Lapilli Tuff (Xlt) - pervasive silicificat'n - patchy epidotizat'n - light grey green clasts are mainly pink/buff lots of amygdaloidal clasts - flow tops?					C/Q	25														tr	Box 3	13.26
																							14.94
																							15.34
																						16.5	
																							17.68
																		tr					17.85
						C/Q	70															Box 4	75
																							20.11
						Q	80									tr			tr	4			21.30
						C/Q	70									tr			tr	2			22.86
17.8 – 33.2 UNIT 4	FELDSPAR PORPHYRY DYKE (Fdy) light grey green matrix Fspar / Hornblende phenocr. Fspar phenocrysts – very minor epidotizat'n Hbl phenocr = slight chloritizat'n core quite broken up good 30° QV development (sphal, pcp, cpy) minor. dissem. pyrite					C/Q	75									tr			tr	5		27.7	22.86
						C/Q	75									tr				tr		Box 5	24.38
						C/Q	70													tr			25.29
						C/Q	75													1			26.21
						C/Q	70																
						C/Q	75											tr		tr	tr		
						C/Q	70									tr		tr		4		28.0	28.04
						C/Q	60													6		Box 6	30.48
						C/Q	65									tr		tr		tr	tr		
						C/Q	70									tr		tr		3			
						C/Q	60									tr		tr		5		33.5	33.52
						C/Q	?																
						C/Q	45															Box 7	34.74
33.2 – 42.4 UNIT 5	FELSIC DYKE (Fel) buff → light grey green → dark grey green dissem. pyrite < 1% buff coloured chilled margins ~ 30 cm - dyke coarsens towards middle - crystals are equigranular - pervasive chloritizat'n minor epidot'n virtually no healed fractures but broken core Fspar alteration? – very calcareous fizzes w/ HCl					C/Q	60													tr			36.27
						C/Q	45																
						C/Q	65											tr				38.7	38.70
						C/Q	60																
						C/Q	5														tr	Box 8	40.23
						C/Q	70											tr					41.45
		45				C/Q	?																42.97

ASSAY FROM SAMPLE No. – TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag
13							
14 102704	1	2	7.3	.1	<.07		
15	1	0	0	.1			
16	1	0	0	.1			
17	1	0	0	.1			
18	1	0	0	.1			
19	2/3						
20	2	1	.3	.1			
21	1	2	1.3	.1			
22	1	3	.7	.1			
23 102705	1	4	4.2	.1	<.07		
24	1	3	.8	.1			
25	1	1	.5	.1			
26	1	1	.4	.1			
27 706	1	4	4.1	.2	<.07		
28	1	2	1.3	.1			
29 707	1	10	7.0	.1	<.07		
30 708	1	3	3.5	.1	<.07		
31 709	1	7	4.8	.1	<.07		
32 710	1	9	4.6	.2	.07		
33 711	1	5	5.1	.2	<.07		
34	1	1	.3	.1			
35	1	1	.2	.1			
36 712	1	3	2.3	.2	<.07		
37	1	3	.9	.1			
38	1	0	0	.1			
39	1	3	.9	.1			
40	1	3	.9	0			
41 713	1	2	9.3	.1	<.07		
42	1	1	.7	.1			
43 714	1	2	27	broken up skin material			
				.1	<.07		

NTS. MAP GRID - 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 3 OF —

LITHO LOG ←→ SAMPLE LOG

METERS FROM – TO: 42.4 – 141.0 UNIT 6

Rock Type and Textures – Colour, Alteration:

CRYSTALLINE LAPILLI TUFF (XLT) light → dark grey green
pervasive silicificatn

patchy epidotizn + minor epidotzn of Fspar xstals in matrix

shearing @ ~ 50-60° is common

scattered 3° Q veins

109.9 - 110.4 Afg - v. dark green, very chloritized - microfractures healed with Qz-CO₂

* Dissem pyrite ~ 5%+ partially formed along fractures.

Veins (Type / Angle), in order down the sheet:

Type	Angle
Q/C	60
Q/C	75
Q/C	80
Q/C	80
Q/C	80
Q/C	80
P/C	80
Q	75
Q/C	70
Q/C	85
Q/C	60
Q/C	60
Q/C	60
Q/C	70
Q/C	60
Q/C	70
Q/C	85
Q/C	70
Q/C	65
Q/C	65
Q/C	65
Q/C	75
Q/C	85
Q/C	60
Q/C	90
Q/C	90
Q/C	70
Q/C	80

Minerals (%), Meters Blocks, Core Rec. and Assay:

Sphal	Chalcopyrite	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	From – To	Sample No.	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T
		tr	tr	44.0	43.89	43–44	102715	1	4	2.6	.25	<.07
		1				44–45	716	1	6	4.2	.1	<.07
	tr	1	tr	Box 9	46.93	45–46	717	1	6	2.0	.25	<.07
	tr	tr				46–47		1	5	1.7	.1	
	tr	tr				47–48	718	1	7	2.8	.1	<.07
		tr		49.7	49.98	48–49	719	1	4	2.0	.1	<.07
						49–50		1	0	0	.1	
			tr		50.29	50–51		1	4	1.5	.1	
		3	tr	Box 10		51–52		1	2	.9	.1	
tr		tr			52.12	52–53		1	3	1.2	.1	
						53–54		1	0	0	.1	
				54.8		54–55		1	2	1.0	.1	
					55.77	55–56		1	0	0	.1	
		tr		Box 11	56.99	56–57		1	4	.8	.1	
					57.91	57–58		1	0	0	.1	
		tr	tr	59.8	58.52	58–59		1	3	1.1	.1	
tr		tr			59.41	59–60		1	3	1.8	.1	
		2				60–61	720	1	4	2.0	.1	<.07
	tr			Box 12	61.56	61–62	721	1	3	2.0	.1	<.07
tr		tr				62–63		1	1	.7	.1	
			2			63–64	722	1	3	2.5	.1	<.07
			1	65.2	64.31	64–65		1	3	1.4	.1	
		tr	1			65–66	723	1	5	2.3	.1	<.07
				Box 13	66.75	66–67		1	1	.5	.2	
			tr			67–68		1	1	.4	.1	
			tr			68–69		1	2	1.0	.1	
					69.75	69–70		1	4	1.3	.1	
	tr	3		70.8		70–71		1	1	.6	.1	
		tr		Bx 14		71–72		1	1	.4	.1	
		2				72–73		1	2	.7	.1	
	tr				73.45	73–74		1	2	.7	.1	

NTS. MAP- GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 4 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: %V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sph.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																							74							
	Xlt cont'd					QC		80								Fr				4				75	1	2	1.1	.1			
						C/Fr		80													Fr		✓	76	1	1	.5	.1			
						C/Fr		70											Fr		Fr	76.5	76.50	77	1	2	1.2	.1			
						QC		90													5		88	78	1	2	.8	.1			
						QC		90														Fr	78.50	79	1	1	.3	.1			
																							75	80	1	0	0	.1			
						QC		85														Fr	79.35	81	1	3	.7	.1			
																							✓	82	1	0	0	.1			
						QC		90															82.5	82.60	83	1	1	.6	.1			
						QC		75														Fr		✓	84	1	2	.7	.1			
																							Bak 16	85	1	0	0	.1			
						QC		70													2		85.64	86	1	3	1.6	.1			
						QC		70																87	1	2	.7	.1			
						QC		80														Fr	87.7	88	1	1	.5	.1			
						QC		83														Fr		88.69	89	1	2	.7	.1			
						QC		80																✓	90	1	3	1.1	.1			
						C/Fr		80														Fr	Bak 17	91	1	2	.5	.1			
						QC		90														Fr		91.74	92	1	2	.6	.1			
						QC		80														Fr	92.7	✓	93	1	1	.2	.1			
																								94	1	0	0	.1			
						C		90														Fr		94.79	95	1	1	.4	.1			
						QC		40														Fr	2	✓	96	1	1	.4	.1			
																							Bak 18	97	1	0	0	.1			
						QC		85																97.84	98	1	1	.2	.1			
						QC		55																✓	99	1	1	.2	.1			
						QC		45								Fr					2		99.4	100	1	2	1.7	.1			
						QC		45														Fr		100.88	101	1	3	.8	.1			
						QC		70														Fr		✓	102	1	2	.6	.1			
																							Bak 19	103	1	0	0	.1			
						QC		80																103.93	104	1	2	.4	.1			
																								✓	105	1	0	0	.1			

NTS. MAP GRID – 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 5 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sph	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Res.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																							105							
	X/t cont'd					Q/C	30														3	105.3	✓	106	1	2	.4	.1			
						Q/C	80													Fr	Fr			106.98	107	1	3	1.6	.5			
						Q/C	65											Fr		3		Box 20		108 102721	1	5	3.0	.3	<.07		
						Q/C	55													Fr	Fr		✓	109	1	2	.6	.1			
																								110 102751	1	0	0	3.0	<.07		
						Q	75														Fr	110.8	110.03	111	1	2	1.1	.1			
																							✓	112	1	0	0	.1			
						Q/C	70															Box 21		113	1	1	.2	.1			
						Q/C	60											Fr					113.08	114	1	1	.4	.2			
						Q/C	90																✓	115	1	1	.2	.1			
																								116	1	0	0	.1			
						Q/C	90														Fr	116.6	116.12	117	1	1	.2	.1			
						Q/C	85											Fr					✓	118	1	2	.4	.1			
																						Box 22		119	1	0	0	.1			
						Q/C	90																119.17	120	1	1	.7	.1			
																							✓	121	1	0	0	.1			
						Q/C	90														Fr			122	1	1	.6	.1			
						Q/C	65														Fr	122.2	122.22	123	1	2	.4	.1			
						Q/C	40										Fr	Fr		Fr				124	1	2	1.2	.1			
						Q/C	80													Fr	Fr		✓	125	1	4	.9	.1			
																						Box 23		125.27	126	1	0	0	.1		
						Q/C	55													Fr	Fr				127	1	0	0	.1			
						Q/C	90										Fr			Fr	Fr	128.1		128	1	2	.9	.1			
																								129	1	1	.5	.1			
																							129.23	130	1	0	0	.1			
																						Box 24		131	1	0	0	.1			
						Q/C	80													Fr	Fr				132	1	3	1.8	.1			
																							132.28	133	1	0	0	.1			
						Q/C	85														2	133.0		134	1	1	1.0	.1			
																						Box 25		135	1	0	0	.1			
						Q/C	55										Fr			2	2		135.35	136	1	1	.9	.1			
						Q	70										Fr			2	3			137	1	2	1.3	1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 6 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sphl.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																														
141.0 – 172.5 UNIT 7	ANDESITE TUFF					%		90													Fr			137							
	(At) quite a variable unit fragments ≤ 4mm are predominant					%		85											Fr		Fr	Fr	139.5		138	1	2	1.2	.1			
	141.0 – 142.2 dark green, pervasively chloritized. Moderate to mild fracturing healed w/ Qz – CO_3					%		90													Fr			139	1	0	0	.1			
						%		80													Fr			140	1	3	1.6	.1			
						%		90													3			141	1	0	0	.1			
	predominantly dark grey green. Pervasive chlorite + high degree of epidotization – both in patches & alteration of Fspar crystals					%		85													Fr		141.42	142	1	1	1.0	.1			
						%		80													3			143	1	1	.6	.1			
						%		85													Fr		145.5	144	1	2	.9	.1			
						%		80													3			145	1	1	.2	.1			
						%		85								Fr			Fr		Fr		Bot 27	146	1	3	2.3	.1	<.07		
						%		60													2			147	1	3	1.5	.1			
	patchy silicification					%		55													1			148	1	2	.5	.1			
						%		50													4			149	1	2	.4	.1	<.07		
	152.2 – 154 secondary breccia? matrix composed of silica + epidote					%		80															150.8	150	1	4	2.1	.1			
						%		65													Fr			151	1	1	.2	.1			
						%		85													1			152	1	3	.8	.1			
						%		75																153	1	1	.5	.1			
	155 – 156m – light patch. very siliceous. contains epidote. Some sort of silica alt.					%		70											Fr		Fr		155.5	154	1	1	.2	.1			
						%		85																155	1	3	3.4	.1	<.07		
	moderate fracturing, healed with Qz + CO_3 – scattered 3° QV					%		80													5			156	1	0	0	.1			
						%		50													1			157	1	3	2.1	.1	<.07		
	180.5m possible bedding @		0			%		75															157.27	158	1	1	.4	.1			
						%		55																159	1	2	.5	.1			
	163.8 – 164.1 Fdy – 3°					%		80															160.32	160	1	1	.2	.1			
	164.1 – 164.3 XLB					%		55											Fr		Fr	Fr	161.1	161	1	1	.2	.1			
	166 – 168m increase in clast size					%		70													Fr		Bot 30	162	725	1	6	3.6	.1	<.07		
						%		90													Fr			163	1	3	.9	.1			
	166.8 – 167.2 V. light green siliceous patch + epidote contains some clasts					%		85										Fr					163.37	164	1	3	.8	.1			
						%		80													Fr			165	1	1	.5	.1			
	170 – 171.2 section of v/f – few clasts lots of crystals					%		80											Fr		Fr		166.42	166	1	4	.9	.1			
						%		80													Fr		167.8	167	1	3	1.0	.1			
						%		80													Fr			168	1	2	1.7	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 7 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																												
172.5 – 180.3 UNIT 8	CRYSTALLINE LAPILLI TUFF					%	70														✓	168							
	(XLT) mostly light grey green					%	50												1		169.42	169	1	1	.3	.1			
	Moderately fractured & microfractured – healed with CO_2 + Qz – some crackle breccia					%	60											++	1	Box 31	✓	170	1	4	1.8	.1			
						%	30												++			171	1	0	0	.1			
	moderate shearing @ 25°					%	85												1			172 102730	1	5	2.0	.1	<.07		
	174.8 – 175.1 section of dark grey green Afg + dissem pyrite ~3%					%	80										++		++		172.51	173	1	0	0	.1			
						%	70													173.6		174	1	1	.5	.1			
	moderately epidotized, mod. to high silicification					%	70														✓	175	1	0	0	.25			
	178 – 179 – quite siliceous – light coloured – matrix is siliceous scattered 3° QV					%	70														175.56	176	1	2	1.0	.1			
						%	85												1	Box 32		177	1	0	0	.1			
						%	85												5		✓	178	1	1	.6	.1			
						%	45										++				178.61	179	1	0	0	.1			
180.3 – 196.2 UNIT 9	ANDESITE TUFF					%	35													179.4		180	1	2	1.3	.1			
	(At) – dark grey green – pervasive chloritization – lots of microfractures					%	60												++			181	1	0	0	.1			
						%	85												2			182	1	1	.2	.1			
						%	85												3	Box 33	✓	183	1	3	1.0	.1			
	healed w/ CO_2 + Qz – very fine 3° QV – Epidotized fsspr. xstals – clastic texture evident but quite fine grained					%	20												2			184	1	1	.2	.1			
						%	85												1		184.74	185	1	2	.5	.1			
						%	80													185.3	✓	186	1	0	0	.1			
						%	60												5		186.53	187	1	1	1.5	.1			
						%	80												2			188	1	2	.7	.1			
	185.0 – 186.7 zone of intense shearing/alteration @ 30° healed w/ CO_2 – quite soft					%	80												3	Box 34	✓	189	1	2	1.3	.1			
						%	20												2		188.97	190 731	1	5	2.2	.1	<.07		
						%	85												1	190.5	190.19	191	1	2	.4	.1			
						%	80														190.50 ✓	192 732	1	3	2.5	.1	<.07		
						%	60												5		192.32	193	1	1	.2	.1			
						%	80												2	Box 35	193.24	194	1	3	.6	.1			
						%	80										++		1		✓	195	1	5	1.6	.1			
																					195.95	196	1	2	.4	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 8 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G. Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																												
	AE CONT'D																												
	193 – 196m Avg coast size increases					Q		80											₩	196.7	✓	196							
						Q/C		75											₩			197	2	1.6	.1				
						Q/C		80											₩			198	2	.8	.1				
196.2 –	CRYSTALLINE LAPILLI TUFF					Q/C		85								₩			₩			199	3	1.1	.1				
– 199.3	(XLT) light green grey matrix																		₩		199.03	200 102733	3	2.0	.1	<.07			
UNIT 10	Darker green clasts + white, fspar xstals					Q/C		75											₩	Box 36	✓	201	0	0	.1				
						Q/C		60											/		202.05	202	1	.3	.1				
	parts of this unit are more lithic than crystalline																			203.4		203	2	1.0	.1				
	198.2m shearing at 65°																												
	pervasively chloritized, silicified but lithic sections aren't pervasively silicified																												
	minor fracturing																												
	scattered 3° QV																												
	lower contact	70																											
199.3 –	ANDESITE TUFF																												
203.0	(AE) dark grey green pervasive chloritized																												
UNIT 11	mostly fine gr. clasts but some larger clasts as well.																												
	Epidotized fspar xstals																												

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 2 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: Av.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy.	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No.Vn	%Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																												
203.0 – 211.3 UNIT 12	CRYSTALLINE LAPILLI TUFF (Xlt) mixed bag but predominantly Xlt light grey green to dark grey groundmass, pervasive chloritization patchy epidotization & some epidotization of feldspar crystals the Xlt is quite silicified					Qtz	65												tr	Box 37	203.30	203							
						Qtz	90														✓	204	1	0	0	.1				
						Qtz	75															205	1	3	1.7	.1				
						Qtz	70															206	1	1	.3	.1				
						Qtz	60														206.05	207	1	0	0	6				
						Qtz	80															208	1	2	1.0	.1				
						Qtz	75														✓	209	1	2	.5	.1				
						Qtz	80														209.05	210 102734	1	4	2.1	.1	<.07			
						Qtz	80															211	1	3	.8	.1				
						Qtz	75												2	210.4	✓	212	1	3	1.0	.1				
						Qtz	80												1		212.14	213	1	1	.4	.1				
						Qtz	80												tr		✓	214	1	2	.4	.1				
						Qtz	85												tr		214.57	215	1	1	.5	.1				
	210.0 – 211.0 non-crystalline lapilli tuff					Qtz	90												3	Box 38	✓	216 735	1	2	2.1	.1	<.07			
	204.9 – 206.2 ⅔ crystalline, TUFF					Qtz	75												1			217	1	2	1.2	.1				
	207.7 – 208.3 ⅔ clasts much smaller					Qtz	80													217.4	217.63	218	1	2	.4	0				
																					218.6	219	1	0	0	0				
						Qtz	70												3		✓	220	1	1	.5	.1				
211.3 – 223.8	FELDSPAR PORPHYRY DIKE					Qtz	35															221	1	1	1.5	.1				
						Qtz	80														221.85	222	1	2	.4	.1				
UNIT 13	(Fdy-3 Dark grey green matrix with coarse white & green (epidotized) phenocrysts - pervasive chloritization - moderate silicification					Qtz	80												tr	Box 39		223	1	1	1.6	.1				
	occasional small "patch" of TUF - altered → xenoliths?																			223.7									
	scattered 3° QV																												
	221.0 – 222.2 At quite Altered, soft chloritized																												
	222.2 – 223.8 – phenocrysts slightly smaller																												

NTS, MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 10 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: M.V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
223.8 – 227.0 UNIT 14	ANDESITE LAPILLI TUFF (Alt) Dark grey green first .5m grey purple pervasively Chloritized minor epidotization moderate locally fracturing					C/G	40													20	223.7	✓	223							
						C/G	75										2			2		224.94	224	1	1	.2	.1				
						C/G	90													4r			225	1	2	1.1	.1				
						C/G	90														40		226	1	1	.6	.1				
						C/G	45										4r			4r			227	1	2	1.2	.1				
						C/G	80															227.95	228	1	1	.2	.1				
																	4r			4r			229	1	2	1.4	.1				
227.0 – 231.0 UNIT 15	ANDESITE TUFF (Alt) Dark grey green pervasively chloritized slightly crystalline in places 227.8 – 228.1 & Fdy – ? 229.0 – 229.3 ?					C/G	90															✓	230	1	0	0	0				
						C/G	90														230.6		231	1	1	.2	.1				
						C/G	70													4		231.08	102737 232	1	3	2.0	.1	<.01			
						C/G	80													3			233	1	1	.2	.1				
						Q	85										2			3		✓	234	1	1	.3	.1				
																						234.46	235	1	3	1.0	.5				
																							236	1	0	0	.1				
						Q	85															✓	237	1	0	0	.1				
231.0 – 242.0 UNIT 16	FELDSPAR PORPHYRY DYKE (Fdy) mainly dark grey green but variable in colour some areas have a higher concentration of phenocrysts than others. - patchy epidotization - pervasive chloritization - moderate silicification - patches of bright red jasper present. - 10% 3°DV. - little fracturing					C/G	85													4r	237.2	237.13	238	1	1	.8	.1				
																						✓	239	1	0	0	0				
																							240	1	0	0	0				
																						240.18	241	1	0	0	0				
																							242	1	1	.6	.1				

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 11 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Gyp.	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																													
242.0 – 248.1 UNIT 17	ANDESITE LAPILLI TUFF (Alt) mixed bx but predominantly Alt. dark gray green – pervasively chloritized					Qtz	85										Tr				243.9	✓	242	1	0	0	0			
						Qtz	90													Tr			243	1	1	.2	.1			
						Qtz	75													1			244	1	0	0	.1			
						Qtz	80																245	1	1	.2	.1			
						Qtz	55																246	1	1	.2	.1			
	246.3 – 246.6 – At grey purple																					246.27	247 102738	1	5	2.2	.1	<.07		
	244.2 – 245.0 – section of TUFF bedding @		10			Qtz	65														246.58	✓	248	1	3	1.4	.1			
						Qtz	85																249	1	1	.8	.1			
	246.7 – 247 – Fdy					Qtz	55														249.65		250	1	0	0	0			
																					250.8	✓	251	1	1	.2	0			
	247 – 248.1 – Alt is slightly more crystalline					Qtz	85																252	1	1	.3	0			
						Qtz	75																253	1	2	.6	0			
																							254	1	0	0	0			
	ANDESITE TUFF																					✓	255 739	1	4	5.3	0	<.07		
248.1 – – 268.2 UNIT 18	Dark gray green. 265.6 – 266.1' – Dark grey purple					Qtz	80														252.98		256 740	1	3	2.1	0	<.07		
						Qtz	85													Tr	256.03		257	1	0	0	0			
	pervasive chloritization patchy epidotization & epidotization of feld. crystals					Qtz	90								Tr						258.0	✓	258	1	0	0	0			
						Qtz	45																259	1	0	0	0			
						Qtz	50										Tr			Tr	259.04		260	1	3	1.0	0			
																						✓	261	1	2	.8	.1			
																							262	1	1	.2	.1			
																					262.12		263 741	1	2	10.2	.1	1.71		
																						✓	264	1	1	.3	0			
268.2 – – 287.6 UNIT 19	ANDESITE LAPILLI TUFF (Alt) Very dark grey green. – pervasively chloritized – Very highly epidotized – patchy silicification					Qtz	60													Tr	264.8		265	1	0	0	0			
						Qtz	90													Tr			266	1	0	0	0			
						Qtz	85																267	1	1	.2	.1			
						Qtz	88														265.17	✓	268	1	3	.7	.1			
																				Tr	267.61		269	1	2	.6	0			
	273 – 274 fine grained section moderate fracturing healed w/ CO_2-Fe scattered 3° QV					Qtz	82													3	270.66	✓	270	1	3	1.3	.1			
																					271.3		274	1	0	0	0			
																							272	1	2	.5	.1			
						Qtz	85										Tr			Tr			273	1	6	0	0			
																							274	1	3	1.8	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-6 SHEET No. 12 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
287.6 – 304.8 UNIT 20	ANDESITE TUFF (At) dark grey green highly chloritized, epidotized lighter patches of silica & epidote					Qtz	35											tr		1	Box 47	/	274							
						Qtz	65													tr			275	1	2	.9	.1				
						Qtz	75										tr					276.75	276	1	3	1.7	.1				
																							277	1	2	1.0	.1				
																						/	278	1	0	0	0				
						Qtz	75													tr	278.1		279	1	3	1.0	.1				
						Qtz	90													1		279.80	280	1	1	.2	.1				
																							281	1	0	0	0				
	Clastic texture less noticeable in some areas					Qtz	85										tr			2	Box 48	/	282	1	3	1.8	.1				
						Qtz	70													tr			283	1	1	1.5	.1				
						Qtz	85													2		283.15	284	1	1	.2	.1				
																						/	285	1	0	0	0				
304.8 – 308.1 UNIT 21	ANDESITE: FINE GRAINED (Afg) dark grey green highly chloritized, epidotized - mild crackle breccia - occasional basper clast					Qtz	85									tr				tr	285.2	285.25	286	1	2	1.3	.1				
						Qtz	85													1			287	1	2	.4	.1				
						Qtz	85													tr			288	1	3	1.4	.1				
						Qtz	50															288.34	289	1	1	.2	.1				
						Qtz	85										2			5	Box 49	/	290	10274½	1	5	2.6	.1	<.07		
						Qtz	35													tr			291	1	1	.2	.1				
						Qtz	90										tr			5		291.38	292	1	2	1.6	.1				
						Qtz	90													2	292.2	/	293	1	2	1.5	.1				
308.1 – 343.6 UNIT 22	ANDESITE TUFF (At) grey green this tuff seems to have what looks more like dessication cracks than fractures. Mild fracturing is present. 311.0m – fault zone – broken core, mud. seems to be an alteration zone → pink/buff in colour – quite soft					Qtz	85													tr			294	1	1	.6	.1				
																						294.43	295	1	0	0	0				
						Qtz	85										tr			tr	Box 50	/	296	1	2	.7	.1				
						Qtz	85										tr			tr			297	743	1	3	2.5	.1	<.07		
						Qtz	80													tr		297.45	298	1	1	.2	.1				
																					299.0	/	299	1	0	0	0				
																							300	1	0	0	0				
						Qtz	80										tr			1		300.53	301	744	1	7	4.4	.1	<.07		
						Qtz	70													6	Box 51	/	302	1	2	.6	.1				
						Qtz	80												tr	tr			303	1	3	1.6	.1				
						Qtz	80													tr		303.58	304	745	1	2	2.0	.1	<.07		
						Qtz	90										3			10		✓	305 –	746	1	2	2.7	.2	<.07		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87- SHEET No. 13 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM / SAMPLE No. / TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ↔ SAMPLE LOG																													
	Af. CONT'D:																				305.5		305							
						Q/C		75												Tr		306.01		306	1	0	0	.1			
						Q/C		70												Tr		✓		307	1	1	.2	.1			
	331.3 – 331.7 section of broken core					Q/C		80										Tr		Tr				308	1	2	1.3	.1			
						Q/C		60												Tr		308.06		309	1	2	.5	.1			
	pervasive chloritization patchy epidotization + silicification					Q		85												Tr		309.67		310	1	2	1.1	.2			
						Q/C		85												Tr		✓		311	1	1	1.5	.2	✓<.07		
																							102747 312	1	2	2.0+	.1	broken vein material		
	332.4 – 332.0 Sectn of crystalline tuff					Q/C		80										Tr		Tr	312.72		313	1	0	0	.1			
						Q/C		80												1	313.4		748 314	1	4	3.0	.1	<.07		
																						✓		1	3	1.5	.1			
																								1	0	0	.1			
	334.5 – 335.0 – broken core					Q/C		80										1		1		314.39	749 317	1	4	3.5	.25	<.07		
						Q/C		80														✓		318	1	1	.2	0			
						Q/C		70										Tr		Tr	Tr		750 319	1	4	4.7	.1	<.07		
																					319.8	319.43		1	0	0	.1			
																						✓		321	1	0	0	0			
						Q/C		80												10		322.47		322	1	0	0	.1			
																						✓		323	1	3	1.1	.1			
						Q		70										Tr		Tr		324.00		324	1	0	0	.2			
						Q		85														✓		325	1	1	.6	.1			
						Q/C		80										Tr						326	1	3	1.8	.1			
																					326.9			327	1	1	.8	.1			
						Q		90										Tr		2		327.18	752 328	1	2	2.6	.1	<.07		
						Q		85												Tr		✓	753	329	1	3	2.1	.1	<.07		
						Q/C		65										Tr		Tr				330	1	2	.9	.1			
						Q		85										1		3		330.10	754 331	1	1	4.4	.1	<.07		
						Q/C		90														✓		332	1	1	.2	0			
						Q		80										Tr		Tr	Tr		755 333	1	7	6.0	.1	<.07		
																					333.9	333.5	334	1	0	0	.1			
						Q/C		85														90		335	1	2	.7	.1			
						Q/C		70																336	1	1	1.2	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87- SHEET No. 14 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: ø V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Sericite	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																														
343.6 – 345.9 UNIT 23	ANDESITE: FINE GRAINED (Afg) – Dark grey green – pervasive Chl/Ser/Carb – some epidote" mod. healed fracturing					Q	90											tr			tr		336.19	336							
						Q	80											1			tr	Box 52	✓	337	1	1	.3	.1			
						Q/C	95											tr			tr			338 756	1	2	3.1	.1	<.07		<.07
						Q/C	90														5		339.24	339	1	2	.4	.1			
						Q/C	85											tr			tr			340 757	1	3	2.0	.1	<.07		
						Q/C	90										tr	tr			10	341.0	✓	341	1	3	1.6	.1			
						Q	85														tr		342.29	342	1	2	.8	.1			
345.9 – 352.65 UNIT 24	ANDESITE TUFF (At) grey green – As above but with a finer grained section ~ 349 – 352					Q/C	85														2	Box 53		343	1	1	.3	.1			
						Q/C	85														1		95	344	1	2	1.4	.1			
						Q	90																	345	1	2	1.4	.1			
																		4			10		345.34	346	1	2	.7	.1			
																							✓	347	1	0	0	0			
						Q/C	85											tr			10			348	1	2	.8	.2			
						Q	85										tr	tr			tr	348.4	348.6	349	1	4	1.8	.1			
																							✓	350	1	0	0	0			
						Q	80										tr	tr		tr	5	Box 54	351.34	351 759	1	9	3.9	.2	<.07		
						Q/C	90											tr		tr				352	1	1	.2	.5			
						Q	70														tr	352.65 EOH	352.65	352.65	1	1	.7	.1			

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: SEPT 12 | DATE COMPLETED: SEPT 24

	DEPTH	DIP	AZ.
	0	-40	133°
	121.92	-39	133
	209.70	-41	133

LENGTH: 212.45 | ELEVATION: 64 m | NORTHING: 8886 | EASTING: 5010

PROPERTY: TOMMY | CORE SIZE: NQ | SCALE OF LOG:

HOLE No.: T87-7 | SHEET No. 1 of 10 | LOGGED BY: ES/DL | DATE: SEPT 24/87

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size	V.G. mm	VEIN ENVELOPES: Thickness	% Si	% Sulph	%: Chlorite	Epidote	Quartz	Carbonate	%: Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No Vn	% Vn	% Sul	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																																
0.0 – 16.8 UNIT 1	ANDESITE FLOW BRECCIA (Abx) light grey green → dark grey green - pervasive chloritization - moderate silicification - minor patchy epidotization					QV	60										-			4					/	0							
	- some shearing @ ~ 10° - moderate healed fracturing - little 3° QV - disseminated pyrite, py < 1%					QV	25																	Box 1	2.13	1	0	0	.1			
						QV	70																			2		1	0	0	.5			
																										3		1	0	0	.1			
																									/	4		1	0	0	.1			
																										5		1	0	0	.1			
						QV	60													4				5.9	5.48	6		1	1	.5	.25			
																									/	6		1	0	0	.1			
																								Box 2	3.01	7		.1	0	0	.1			
						QV	25																		/	8		1	2	1.7	.1			
						QV	70																		8.53	9		1	1	.3	.1			
																									/	10		1	0	0	.1			
																									10.05	11		1	0	0	.1			
																									/	12		1	0	0	.1			
																									11.58	13		1	1	1.0	.1			
16.8 – 19.3 UNIT 2	ANDESITE; FINE GRAINED (Afg) - dark grey green - pervasive chloritization					QV	70																		/	14		1	0	0	.1			
						QV	50																	Box 3	13.10	15	102759	1	1	2.0	.1	<.09		
	- exhibits good crackle breccia - healed W/CO3																								14.63	16		1	1	.5	.2			
						QV	70																		/	17		1	0	0	.1			
	predominantly fine grained lighter patches of silica + epidote																							16.9	16.15	18		1	2	.5	.1			
																									17.67	19		1	0	0	.1			
	scattered 3° QV																																	

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 2 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G. Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																												
19.3 – 27.2 UNIT 3	ANDESITE FLOW BRECCIA (Abx) light green clasts w/ dark matrix – pervasive chloritiz'n – moderate silicific'n					PC	60													Box 4	✓	19							
						PC	60														19.20 ✓	20	1	0	0	.1			
																					20.72 ✓	21	1	1	.5	.2			
																						22	1	3	1.5	.1			
						PC	40													22.3	22.25 ✓	23	1	0	0	.1			
						PC	50														23.77 ✓	24	1	1	1.0	.1			
	mod. fracturing healed w/ mostly CO_3 scattered 3° QV																			Box 5		25	1	2	.6	.1			
						PC	40														25.25 ✓	26	1	0	0	.1			
																					26.82 ✓	27	1	1	1.7	.1			
						PC	60															28	1	2	.5	.2			
						PC	60													28.2	28.30 ✓	29	1	2	.4	.2			
27.2 – 32.8 UNIT 4	ANDESITE: FINE GRAINED (Afg) – dark grey green					PC	70														29.82 ✓	30	1	2	.5	.2			
						PC	55															31	1	1	.2	.1			
						PC	65													Box 6	31.39 ✓	32	1	1	.2	.1			
																					32.91 ✓	33	1	0	0	.1			
	– predominantly fine grained w/ occasional clasts. – mod. fracturing healed w/ CO_3 – light patches – silica + epidote scattered 3° QV minor dissem. pyrite					Q	85												1		75	34	1	0	0	1.0			
						Q	70													34.1	34.13 ✓	35	102760	1	2	40.2	.4	.86		
																						36	761	1	5	3.6	.1	<.07		
32.8 – 35.7 UNIT 5	ANDESITE FLOW BRECCIA (Abx) light green clasts w/ darker matrix pervasively chloritized incl. healed fracturing																				35.66								

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 3 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: %V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
	Abx cont'd																													
	32.1 – 35.6m – Fault/Alteration zone					Q/C		50															36								
						Q		60															37	1	2	.8	.1				
	33.2 – 34.9 – fault zone, broken rock, mylitized mud/gauge. Contains																						38	1	0	0	.1				
						Q		60															39	1	1	1.2	.1				
	.4m QV w/ minor pyrite.					Q		35															40	1	0	0	.1				
						Q/C		55															41	1	0	0	.1				
	fault zone surrounded by buff coloured – not too silicified – rock					Q		50									++						42	1	2	1.5	.1				
						Q		60											++				43	1	1	1.5	.1				
						Q		90															44	1	3	1.1	.1				
35.7 – 37.1 UNIT 6	ANDESITE: FINE GRAINED																						45	1	1	.3	.1				
	(Afg) – dark grey green					Q		50								1		+		1			46	1	2	1.4	.1				
	– pervasive chloritization					Q		85									++						47	1	1	.3	.1				
	– minor epidotization					Q/C		70										++		++			48	1	0	0	.1				
						Q		65								1		++		2			49	102762	1	4	4.0	.1	<.07		
	– good 3° QV development																++						50	1	2	.6	.1				
						Q		60										++		2			51	1	2	.6	.1				
						Q		60										++		2			52	1	2	1.7	.1				
37.1 – 64.0 UNIT 7	ANDESITE FLOW BRECCIA					Q		30															53	1	0	0	.1				
	(Abx) – light green clasts with darker green matrix					Q		45										++		2			54	763	1	2	2.8	.1	<.07		
																							55		1	1	.6	.1			
	– matrix is carbonized in areas					Q		90										++		1			56		1	1	1.5	.1			
	– pervasively chloritized					Q		55															57		1	1	1.0	.1			
	– mod. silicification					Q/C		55										1		1			58		1	0	0	.1			
						Q/C		50															59		1	1	.4	.1			
	fracturing healed w/ Qz-CO_3					Q		55										++		++			60		1	1	.8	.1			
						Q		60										++		++			61		1	2	1.2	.1			
	lower contact @ 40																						62		1	1	.3	.1			
																							63		1	1	1.0	.1			
																							64	764	1	2	22	.1	.14		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 4 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: M.V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG → SAMPLE LOG																					
64.0 – 65.6 UNIT B	ANDESITE: FINE GRAINED (Afg) light grey green - pervasive chloritization - moderate silicification - minor healed fracturing - very minor 3° QV					Q/C		40														
						Q		60										tr	tr			
						Q/C		55										5		20		
						Q		60										tr		1		
65.6 – 82.6	ANDESITE FLOW BRECCIA					Q/C		40									tr				66.1	
UNIT 9	(Abx) clasts - light grey green matrix - darker green moderately silicified					Q/C		50									tr					
						Q		55										tr		1		
						Q		70										tr		1		
						Q/C		35												20	tr	
	79.0 – 80.5 matrix epidotized, silicified fairly fractured healed w/ CO_3 & Qz					Q		65										tr		tr	71.7	
	predominantly Abx with minor finer grained sections																					
	scattered 3° QV (pt. qtz)																				77.1	
																					82.4	

Box 13 Box 14 Box 15

ASSAY: FROM – TO	SAMPLE No.	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T	EST. Core Rec.
64 – 65		1	1	.3	.2				
65 – 66		1	0	0	.1				66.22
66 – 67		1	0	0	.1				66.75
67 – 68		1	1	1.0	.25				
68 – 69	102765	1	1	2.5	.5	<.07			68.27
69 – 70		1	1	1.6	.1				69.79
70 – 71		1	0	0	.1				
71 – 72	766	1	2	2.2	.1	.07			71.32
72 – 73		1	1	1.5	.1				71.84
73 – 74		1	0	0	.1				
74 – 75		1	0	0	.1				74.32
75 – 76		1	2	1.2	.1				75.89
76 – 77	767	1	2	4.5	.1	<.07			
77 – 78	768	1	1	2.9	.25	<.07			77.41
78 – 79		1	0	0	.1				78.94
79 – 80	769	1	2	3.3	.1	<.07			
80 – 81		1	0	0	.1				80.46
81 – 82		1	0	0	.1				81.92

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 5 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ↔ SAMPLE LOG																													
82.6 – 86.6	FINE GRAINED DYKE – ?					Qtz		50										5		35			82							
						Qtz		70															83	102770	1	1	2.0	.4	<.07		
UNIT 10	(Fgdy – ?) light grey green					Qtz		45								tr		tr		5		83.15	84		1	1	3	.1			
	– moderately silicified					Qtz		55										5		45	tr		85	771	1	5	5.5	.25	<.07		
	– microfractures – healed w/ CO_3 + Qtz					Qtz		60										tr		tr		85.03	86	772	1	5	7.8	4.0	1.65		
																						86.56	87		1	1	.6	.1			
	– good 3° QV development (pp. Gry)					Qtz		60										tr				88.0	88		1	0	0	.1			
	– minor disseminated pb					Qtz		45												tr			89		1	1	1.0	.1			
	lower contact –	30																				90.68	90		1	3	.6	.2			
						Qtz		65										tr		2			91		1	0	0	.1			
86.6 – 110.0	ANDESITE FLOW BRECCIA					Qtz		40										tr		2		91.13	92		1	1	1.4	.1			
	(Atx) mottled colours					Qtz		80										2		4		92.65	93		1	1	1.4	.1			
UNIT 11	pervasive chloritization minor epidotization					Qtz		60								tr						93.3	94		1	0	0	.1			
																						94.18	95		1	1	.7	.1			
	not too fractured – but still crackle breccia is evident					Qtz		60														95.70	96		1	0	0	.1			
																						97.23	97		1	1	.7	.1			
	minor shearing @ ∿ 45°					Qtz		45										tr				98.8	98		1	0	0	.1			
																						98.75	99		1	2	1.4	.1			
	106.5 – 107.5 – matrix epidotization					Qtz		60														100.27	100		1	0	0	.1			
						Qtz		65										tr		8		101.80	101		1	1	.4	.1			
	darker green sections are much more silicified than lighter green sections					Qtz		60														103.32	102		1	0	0	.1			
																						104.3	103		1	1	1.5	.1			
						Qtz		60												1		104.85	104	773	1	2	5.1	.4	.21		
																						106.37	105	774	1	1	2.0	.1	<.07		
						Qtz		50														107.89	106		1	0	0	.2			
	scattered 3° QV (pp. Gry)					Qtz		50										tr		tr		109.4	107		1	1	.6	.1			
																						109.9	108		1	1	.4	.1			
																							109		1	2	1.0	.1			
																							110		1	0	0	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 6 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	% V.G.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.
	LITHO LOG ← → SAMPLE LOG																					
110.0 – 112.5 UNIT 12	ANDESITE LAPILLI TUFF (Alf) Avg clast size .4-2cm pervasive chloritization moderate silicification 111.4 bedding @ ~		30			Q	70										tr		tr			110.64
						Q	70										tr		1			
						Q	50										4		6			112.12
						Q/C	55															113.69
						Q/C	65										1		4		115.3	115.21 95
	good 3° QV development little fracturing					Q	50										tr		tr			116.76
						Q	65										tr		tr			117.07
																						118.57
112.5 – 120.0 UNIT 13	ANDESITE: GRADED TUFF (Atg) 2 sequences of graded tuff																					
	1st 112.5 – 116.8 2nd 116.8 – 120.0 Avg clast size is initially < .4cm and gradually increases to lapilli / coarse size fragments																					
	- not highly fractured - V. minor 3° QV																					
	- shearing @ N 30° at 116.8m 116.8 – 117.5 – Very fine grained																					

ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
110							
111 102775	1	1	2.5	.1	<.07		
776	1	1	2.5	.2	<.07		
112 777	1	1	7.0	.8	.07		
113	1	1	.6	.1			
114	1	0	0	1			
115							
116 778	1	2	32	2	<.07		
	1	0	0	.1			
117	1	3	1.0	.1			
118	1	3	1.4	.1			
119							
120	1	0	0	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 7 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Spar	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																													
120.0 – 127.9 UNIT 14	ANDESITE LAPILLI TUFF (Alt) – dark grey green – moderate silicification – pervasive chloritization moderate healed fracturing some crackle bx					Q/C	45										tr		tr		120.6	120.09	120							
						Q/C	80															121.62	121	1	2	1.0	.1			
						Q/C	70																122	1	0	0	.1			
						Q	75										tr		2			123.14	123	1	1	.2	.1			
						Q	55										5		35	tr			124	1	1	.5	.1			
	127.0 – 127.9 sect" of Afg scattered 3° QV					Q	60										3		17		126.1	124.66	125	1	1	1.5	.1			
						Q	60								tr		tr		tr				126	1	1	1.6	.45			
						Q/C	55										tr		tr			126.19	127	102779	1	1	2.0	.4	<.07	
						Q/C	70										5		15				128		1	3	1.5	.2		
	predominantly Alt although clast size tapes increase to breccia & decreases to tuff in places					Q/C	70								tr		tr		tr			127.21	129	780	1	4	3.0	.1	<.07	
						Q/C	60										2		2		131.4	129.24	130	781	1	5	3.8	.7	1.44	
						Q	50									tr						130.76	131	782	1	3	2.1	.1	.27	
						Q	70										tr		tr				132		1	4	1.6	.1		
127.9 – 137.9 UNIT 15	ANDESITE FLOW BRECCIA (Alx) light grey green to dark grey green – mod. silicification – pervasive silicification					Q/C	70										tr		tr			132.28	133		1	1	.2	.1		
						Q/C	55										tr		tr				134		1	1	1.8	.1		
						Q	60										tr		5			133.82	135		1	0	0	.1		
	130.6 – 132.2 – Alt.																					135.33	136		1	3	1.5	.1		
	132.2 – 132.6 – Afg moderate healed fracturing																				135.8	136.86	137	783	1	2	3.7	.1	<.07	
																							138	784	1	1	2.1	.1	<.07	

NTS. MAP GRID – 92F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 8 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																												
137.9 – 144.5 UNIT 16	ANDESITE: FINE GRAINED (Afg) light grey green → dark grey green pervasive chloritized predominantly Afg. w/ a zone of Breccia 139.9–140.6 + epidotized brecciated flows (2ndary?) ag 139.1–139.6					Q/C	55									tr		tr		Box 26	138.38	138							
						Q	60									tr		25	tr		139.90	139	1	1	.3	.1			
						Q/C	50								tr			3				140	1	3	1.5	.3			
						Q	50									1		4				141	1	1	1.2	.1			
						Q	50									1		14		142.0	141.43	142 102.705	1	2	7.4	.35	.07		
						Q	65									tr		tr			142.95	143	1	1	.4	.1			
																				Box 27		144 786	1	2	2.9	.1	<.07		
						Q/C	65									1		15			144.46	145	1	0	0	.25			
						Q/C	50									1		2				146	1	1	.7	.1			
	quite highly fractured – healed w/ Qz + Ox cracks, breccia evident					Q/C	60									3		17			146.00	147 787	1	2	5.9	.2	.07		
						Q/C	55									tr		tr		147.5	147.52	148 788	1	1	2.3	.4	.55		
						Q/C	70									tr		tr				149 789	1	3	2.8	.1	<.07		
						Q/C	60									tr		1		Box 28	149.05	150	1	1	.6	.1			
	scattered 3° QV (pp, grey)					Q/C	60									tr					150.57	151	1	1	1.5	.1			
						Q	55									tr						152	1	4	1.3	.1			
																tr		2			152.120	153	1	1	.7	.1			
144.5 – 155.9 UNIT 17	ANDESITE FLOW BRECCIA reverse grading – ? (Afbx) starts off w/ light gray-green clasts & dark matrix to dark grey green clasts & lighter matrix					Q/C	70									1		2		153.0	153.62	154	1	3	1.5	.1			
						Q/C	50									1		2				155	1	2	1.7	.1			
						Q	70									1		6			155.14	156	1	1	.6	.1			
	area of lighter clasts up to 146.5 is less silicified than area of darker clasts																												
	moderate healed fracturing																												
	clast size gradually decreases through lapilli to Andesite tuff reverse grading?																												
	Lower Contact	25																											

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 2 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters & V.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ↔ SAMPLE LOG																											
155.9 – 167.3 UNIT 18	ANDESITE FLOW BRECCIA (Abx) mottled colour (mixed bxg. but predominantly Abx					Qtz		60							tr	tr			Box 29	156.62	156 102790	1	2	2.5	.1	<.07		
	contains small (<.5m) sections of Afg					Qtz		70							tr	5				"	157	1	1	.3	.1			
						Qtz		50							5	10			158.2	158.19	158							
						Qtz/C		70												"	159 791	1	2	2.1	.25	.07		
						Qtz		65							1	4			Box 30	159.72	160	1	1	.4	.1			
	in some areas the matrix is epidotized & silicified, pervasive chloritization					Qtz/C		60							2	8				"	160 792	1	2	3.7	.1	.14		
						Qtz		45							tr	tr				161.24	161	1	1	.5	.1			
						Qtz		60							3	40			163.8	162.76	162	1	1	1.5	.1			
	moderate healed fracturing some good 3 pv (pp, qpy)					Qtz		55							3	25				"	163 793	1	3	2.1	.45	<.07		
						Qtz		60							tr	tr			Box 31	164.29	164 794	1	3	8.3	2.0	2.26		
						Qtz		70												165.81	165	1	2	1.8	.1			
						Qtz/C		60							tr	1				"	166	1	1	.7	.1			
																				167.34	167	1	2	1.7	.1			
																					168							
167.3 – 168.1 UNIT 19	ANDESITE: FINE GRAINED (Afg) light gray green to dark gray green.																											
	clasts occasionally visible but predominantly Afg pervasively chloritized moderate silicification																											
	shearing @ ≈ 0-5°																											
	minor fracturing (& micro-fracturing)																											

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 10 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	%V.G.	Size V.G.mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
168.1 – 176.0 UNIT 20	ANDESITE FLOW BRECCIA (Abx) mostly dark grey green – pervasive chloritization – patchy epidotization – few 1 3° QV					Q	5S										1		15		169.2 Box 32	✓	168							
						Q	6S										5		10			168.86	169		1	2	3.4	.4	.07	
																						169.98	170	102795	1	0	0	.1		
						Q/C	5S															171.60	171		1	2	.6	.1		
						Q/C	60										Tr		Tr				172		1	3	1.7	.1		
						Q	60										5		45			173.73	173		1	1	3.0	1.5	.14	
	minor → moderate fracturing																						174	796	1	0	0	.1		
	170.2 – 171.1 shearing @ ~ 0°					Q/C	60														174.6	175.65	175		1	0	0	.1		
						Q/C	50										Tr					176.26	176	797	1	2	2.1	.1	<.07	
	175.4 – 175.8 small section of Fdy Dust 3 m altered to a buff colour																					176.78	177		1	1	1.0	.1		
																							178		1	0	0	.1		
																						178.31	179		1	0	0	.1		
						Q	75										Tr		2			179.83	180		1	2	1.2	.1		
						Q/C	70										5		65		180.0 Box 34		181	798	1	3	2.1	1.5	<.07	
																						181.32	182		1	0	0	.1		
176.0 – 180.5 UNIT 21	ANDESITE: FINE GRAINED (Adg) – dark grey green – pervasive chloritization					Q/C	60										Tr		Tr			182.88	183		1	2	1.1	.1		
						Q/C	60																184		1	1	1.0	.1		
						Q/C	60										Tr					184.40	185		1	1	.3	.1		
						Q	55S														185.7	185.93	186		1	2	1.7	.1		
	– mod. fracturing – minor crackle breccia					Q/C	5S										1		2				187		1	2	1.1	.1		
						Q/C	60														Box 35	187.45	188	799	1	2	2.0	.1	<.07	
						Q/C	60												1			188.98	189		1	2	1.3	.1		
	179.8 – 180.5 small section of Abx w/ light green cast					Q/C	60																190		1	1	.4	.1		
180.5 – 190.0	FELDSPAR PORPHYRY DYKE																													
UNIT 22	(Fdy) dark grey green groundmass w/ light coloured feldspar phenocr. med. grained (~ 2mm) tightly silicified + mod. chloritized moderately fractured scattered 3° QV	SD																												

lower contact

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-7 SHEET No. 4 OF 11

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Type / Thickness / Angle	Graphic-veins: Generation / Meters / %V.G. / Size V.G. mm.	% : Chlorite / Epidote / Quartz / Carbonate	% : Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG															
190.0 – 196.7 UNIT 23	ANDESITE; FINE GRAINED (Afg) dark grey green → light grey green		0/C 60			Py	191.3	95	190	1	0	0	.1			
	moderately Afg some clasts visible							189.38	191	✓	1	1	.3	.1		
	light patches – silica + epidote + fspar		0/C 60					192.02	192	1	0	0	.1			
	– pervasive chloritiz^n							193.35	193	1	0	0	.1			
	– mod → high silicificat^n							✓	194	1	1	2.0	.1	<.07		
								195.07	195	1	0	0	.1			
							196.6	196.60	196	✓	0	0	.1			
								✓	197	1	0	0	.1			
								198.12	198	✓	0	0	.1			
								199.03	199	1	0	0	.1			
196.7 – 212.45 UNIT 24	ANDESITE FLOW BRECCIA (Abx) variable color – light to dark grey green		0/C 70			Py	201.7	90	200	1	0	0	.1			
	197.7 – 199.0 – broken rock							200.58	201	✓	0	0	.1			
	202.3 – 203.4 section of Afg							202.08	202	1	0	0	.1			
	pervasive chloritiz^n mod → high silicificat^n		0/C 30			Py Py		✓	203	1	1	1.5	.1			
	quite stained in places eg: 204.2 – 205.3 stained @ 0-5° rock is quite soft		0/C 80			Py Py	207.8	203.61	204	1	0	0	.1			
								✓	205	1	0	0	.1			
	very few 3° QV moderate localized fracturing							205.44	206	.1	0	0	.1			
								206.36	207	1	0	0	.1			
								✓	208	1	0	0	.1			
								208.48	209	1	0	0	.1			
								✓	210	1	1	.2	.1			
								210.91	211	1	0	0	.1			
								211.84	212.45	1.45	1	.4	.1			
							212.45	212.45	EOH							

KERR ADDISON MINES LIMITED

N.T.S. MAP GRID: 92F/3 | LOCATION: | DATE COLLARED: SEPT 27 | DATE COMPLETED: OCT 6

	DEPTH	DIP	AZ
	0	-27	080
	192.93	-29	089

LENGTH: 192.94 | ELEVATION: 20m | NORTHING: 9158 | EASTING: 4984

PROPERTY: TOMMY | CORE SIZE: NQ | SCALE OF LOG:

HOLE No.: T87-8 | SHEET No. 1 of 7 | LOGGED BY: RP/KS | DATE:

Metres From – To	Rock Type and Textures Colour, Alteration	ANGLES: Contacts	Bedding	Cleav./Foliat.	Faults	VEINS: Type	Thickness	Angle	Graphic-veins: Generation	Metres	V.G. Size V.G. mm	VEIN ENVELOPES: Thickness	% Si	% Sulph	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopyrite	Pyrrhotite	Pyrite	Meter Blocks	Est. core rec.
	LITHO LOG ← → SAMPLE LOG																							
0 – 21.2 UNIT 1	ANDESITE FLOW BRECCIA (Adx) light grey green to dark grey green moderate silicification & pervasive chloritization moderate bedded fracturing oxidation of sulph. in veins for first ~ 9m matrix is epidotized silicified in sections: 10.1 – 11.1, 14.3 – 15.1 0 – 3m broken core very minor 3° QV. lower contact	40				PC PC PC PC PC	3C 20 10 40 60								oxidized sulphides	tr tr tr 2 tr				Box 1 55 Box 2 11.2 Box 3	~ 5.48 ~ 8.53 ~ 11.58
21.2 – 28.1 UNIT 2	FELDSPAR PORPHYRY DYKE (Fdy) light grey green matrix with light coloured feldspar phenocrysts (medium → coarse grained) chilled margins .7 – 1.0 m w/ very few phenocrysts, phenocrysts % ↑ towards center – becoming quite crowded. quite silicified poor 3° QV development minor disseminated pb					QV PC PC	? 55 45 10					broken vein material							tr tr tr			Box 4 16.9 Box 5 22.4	~ 14.63 ~ 17.68 95 20.73 ~ 23.74 ~ 26.63

ASSAY: FROM SAMPLE No. TO	Sample Length	Au NoVa	Au %Vn	Au %Si	Au g/t		Ag g/t
0							
1	1	0	0	.1			
2	1	0	0	.1			
3	1	0	0	.1			
4	1	0	0	.1			
5	1	1	1.0	.1			
6	1	2	1.3	.1			
7	1	0	0	.1			
8	1	0	0	.1			
9	1	1	.8	.1			
10 102801	1	1	2.3	.1			
11	1	1	.2	.1			
12	1	0	0	.1			
13	1	0	0	.1			
14	1	0	0	.1			
15	1	0	0	.1			
16	1	1	?	.1			
17	1	1	.3	.1			
18	1	0	0	.1			
19	1	1	.3	.1			
20	1	0	0	.1			
21	1	0	0	.1			
22	1	0	0	.1			
23	1	0	0	.1			
24	1	0	0	.1			
25	1	0	0	.1			
26	1	1	.7	.1			
27	1	0	0	.2			
22.8 – 28	1	0	0	.1			
29	1	2	.5	.2			

c/q 45 tr

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 2 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: M.V.G. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ⟷ SAMPLE LOG																					29							
29.1 – 43.4 UNIT 3	ANDESITE FLOW BRECCIA (ABx) light grey green → dark grey green. pervasive chloritiz'n minor → moderate fracturing					PC		40										tr			29.07	30	1	0	0	.1		
																				Box 6	✓	31	1	2	1.2	.1		
																	tr		tr			32 102802	1	3	3.6	.1	<.07	
																					32.97	33	1	0	0	.1		
																				33.4	✓	34	1	0	0	.1		
																						35	1	0	0	.1		
	32.0m – minor shearing @ 30°					QV		45													35.97	36	1	1	.7	.1		
	scattered 3° QV																			Box 7		37	1	0	0	.1		
						QC		25								tr					✓	38	1	1	2.0	.1	<.07	
	lower contact	60																		39.0	39.01	39 102803	1	0	0	.1		
43.4 – 46.1 UNIT 4	FELDSPAR PORPHYRY DYKE (Fdy) light grey green groundmass with light coloured phenocrysts becoming quite crowded towards the contact					QC		25														40	1	0	0	.1		
																				Box 8	✓	41	1	0	0	.1		
																					42.06	42	1	0	0	.1		
																		tr				43	1	1	.5	.1		
																					✓	44	1	0	0	.1		
						VG		35												44.7		45	1	1	1.8	.1		
						QVC		35									tr		tr		45.11	46 102804	1	6	2.5	.25	<.07	
						G		30									1		4			47	1	1	1.7	.2		
	mod → highly silicified					QVC		30												Box 9	/	48	.1	1	1.3	.2		
	good 3° QV development					QC		20								tr					48.15	49	1	1	1.5	.1		
																					/	50	1	0	0	.1		
46.1 – 57.7 UNIT 5	ANDESITE FLOW BRECCIA (ABx) light to dark grey green					Q		30									tr		tr	50.4	51.26	51 102805	1	1	2.5	.1	<.07	
																						52	1	0	0	.1		
																				Box 10	✓	53	1	0	0	.1		
	little fracturing scattered 3° QV					QC		20											tr			54	1	1	.9	.1		
																					54.25	55	1	0	0	.1		
						QC		40							tr		tr		tr			56 102806	1	1	2.5	.2	<.07	
	minor dissem py, Apy																			56.0		57	1	0	0	.1		

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 3 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ←→ SAMPLE LOG																													
57.7 – 63.1 UNIT 6	FELDSPAR PORPHYRY DYKE (Fdy) light grey green groundmass w/ few fine gr. fspar phenocrysts - few fractures/microfractures - highly silicified - dissem py ≤ 1% - scattered 3° QV lower contact @ 16					PC	10													5	Box 11	57.30	57							
						PC	35													2			58	1	0	0	.1				
						PC	20													2			59 (02808)	1	4	2.3	1.0	.07			
						PC	40															60.35	60	1	1	.4	.5				
						PC	45														Box 12		61	1	1	.5	.75				
						PC	60													10		61.5	62	1	2	1.7	.75				
																							63	1	1	.5	1.0				
						PC	20										H					63.39	64	1	1	1.3	.1				
63.1 – 80.4 UNIT 7	ANDESITE FLOW BRECCIA (Abx) light → dark grey green pervasive chloritiz" mod → high silicifct" minor wkly. epidotiz" mod → highly fractured hosted w/ CO_3, Qz					PC	10										H					66.44	65	1	0	0	.2				
																							66								
																							67 808	1	1	3.5	.2	<.07			
																					Box 13	67.3	68	1	1	.4	.1				
																							69	1	0	0	.1				
																						69.49	70	1	0	0	1				
						PC	25										H						71	1	0	0	.1				
																							72 809	1	2	3.5	.1	<.07			
						PC	50										H					72.54	73	1	0	0	.1				
																							74	1	1	.7	.1				
																							75	1	0	0	.1				
						PC	10											H	H		Box 14	75.59	76	1	1	.2	.1				
																							77	1	0	0	.1				
																							78	1	0	0	.1				
																							79	1	0	0	.1				
80.4 – 119.0 UNIT 8	FELDSPAR PORPHYRY DYKE (Fdy) light grey green w/ light fspar & dark green - blocky (chloritized) hbl phenocrysts growing coarser towards the middle highly silicified minor dissem py py moderate 3° QV development					PC	20										H					78.63	80	1	3	2	.2				
						PC	40											H		2			81		3	1.5	.1				
						Q	40													H			81.66 82 810		2	2.3	.1	<.07			
						PC	40											H		3			83		2	1.2	.1				
																				1			84		1	.4	.1				
						PC	15										H					84.75	85 811		2	2.6	.1	<.07			
						PC	5										10						86		1	.8	.1				
						PC	35													H			87 812		5	2.9	.1	<.07			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 4 OF

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: #V.G.	Graphic-veins: Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Sphal	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																														
119.0 – 190.5 UNIT 9	ANDESITE FLOW BRECCIA (Abx) mod. silicification pervasive chloritization mod. healed fracturing 188.1 - light patch of silica + epidote					PC	40													2		Box 16	87.78								
						Q	35																								
						PC	35																								
						PC	35															89.9	/								
						Q	45																90.63								
						PC	35																								
						PC	45															Box 17	95								
	60.3 - 60.6 section of Afg					PC	40			broken vein material													93.88								
	175.3 - 176.0 " " Afg? or Fdy?																					95.6	/								
						PC	20																								
	184 - 186 broken core					C/F	50																96.93								
	191 - 192 " " fractured oxidized					C/F	80															Box 18	/								
						PC	30									2															
	188.5 - 188.6 f.g. dyke? w/ few hbl phenocrysts.					PC	30																99.98								
						PC	35																								
						PC	30															101.1	/								
						PC	30																								
						PC	30																103.02								
190.5 – 192.93 UNIT 10	FELDSPAR PORPHYRY DYKE (Fdy-3) matrix - light grey green w/ med. to coarse light green phenocrysts - quite crowded. small sections of Abx: 191.4 - 192.0 & 192.3 - 192.97					PC	35																/								
						PC	35													2		Box 19									
						PC	45																								
						PC	30													5	25										
						PC	30													5											
						PC	45									1				40	40		106.07								
						PC	30																/								
						PC	60															112.4	109.12								
																							/								
																						Box 21	112.17								
																							/								
																							115.21								

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 5 OF

LITHO LOG ↔ SAMPLE LOG

This could

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G.mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
																						117							
																					/	118	1	0	0	.1			
																				118.1		119	1	1	.2	.1			
						Q/C	35											tr			118.26	120	1	0	0	.1			
																				Box 22	/	121	1	0	0	0			
						QC	30															122	1	1	.3	0			
						Q	50									tr					121.31	123	1	1	1.7	.1			
																					/	124	1	0	0	.1			
						Q	40									tr				123.8		125 10282	1	1	2.0	.1	<.07		
						QC	30									tr					124.36	126	1	1	.7	.1			
						QC	35									tr				Box 23	/	127	1	1	.4	.1			
																						128	1	0	0	.1			
																					127.41	129	1	0	0	0			
						QC	40													128.6	/	130	1	1	1.6	0			
																						131	1	0	0	.1			
																				Box 24	130.45	132	1	0	0	.1			
						Q	35									tr					/	133 822	1	2	3.5	.1	<.07		
																					133.50	134	1	0	0	0			
																						135	1	0	0	.1			
																				135.2	/	136	1	0	0	.1			
																						137	1	2	18	.1			
						QC	45													Box 25	136.55	138	1	1	1.0	.1			
						QC	30															139	1	0	0	.1			
																					/	140	1	1	.5	.1			
						QC	40											tr			139.65	141	1	1	.5	.1			
						QC	25													140.9		142 823	1	1	2.0	.1	<.07		
						Q	40															143	1	1	.4	.1			
						QC	25													Box 26	142.64	144	1	0	0	.1			
																					/	145	1	0	0	1			
																				145.1	145.66	146	1	0	0	.1			
						Q	40										tr		tr			147	1	1	1.0	.1			

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 6 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Type	Veins: Thickness	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: B.V.G. Size V.G. mm.	% Chlorite	% Epidote	% Quartz	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	LITHO LOG ← → SAMPLE LOG																				
	146x cont'd					Q		40								tr					
						PC		10												80 x 27	148.13
						PC		35								tr					
						PC		45													/
																					151.39
																				152.7	
						PC		30													
						PC		25													154.83
																				28	/
						Q		50													157.58
						PC		30												Box	/
																				159.9	
						Q		40													160.93
																				29	/
						PC		20													163.38
						PC		40								tr				Box	/
																				166.9	
						PC		45													167.08
																				30	/
						PC		35								tr					170.09
						PC		50												80 x 173.8	/
						PC		35													173.12
																					/
																					176.17

ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
147							
148	1	2	.9	.1			
149	1	1	1.0	.1			
150	1	1	.5	.1			
151	1	2	1.1	.1			
152	1	0	0	.1			
153	1	0	0	.1			
154	1	1	.4	.1			
155	1	1	.4	0			
156	1	0	0	.1			
157	1	0	0	.1			
158	1	1	1.5	.1			
159	1	1	.4	.1			
160	1	0	0	.1			
161	1	0	0	.1			
162	1	1	1.7	.1			
163	1	0	0	.1			
164	1	0	0	0			
165	1	2	1.5	.1			
166	1	2	1.0	.1			
167	1	0	0	.1			
168	1	0	0	0			
169	1	2	.9	.1			
170	1	0	0	.1			
171	1	0	0	.1			
172	1	2	2.9	.1			
173	1	0	0	.1			
174	1	1	.3	.1			
175	1	0	0	.1			
176	1	2	1.8	.1			
177	1	0	0	.1			

102824 | 1 | 2 | 2.9 | .1 | < .07

NTS. MAP GRID – 92 F/3 KERR ADDISON MINES LTD PROPERTY TOMMY HOLE No. T87-8 SHEET No. 2 OF 2

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Type	Thickness	Angle	Graphic-veins: Generation	Meters	% v.g.	Size V.G. mm.	% Chlorite	Epidote	Quartz	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	No. Vn	% Vn	% Sulph.	Au g/T		Ag g/T
	LITHO LOG ← → SAMPLE LOG																													
						QC	40																177	1	2	.8	.1			
						QV	30																178	1	1	.5	.1			
																					Box 31	/	179	1	1	1.0	.1			
																						179.22	180	1	2	2.3	.1	<.07		
						G	40										Py		Py	Py	181.0	/	181	1	0	0	0			
																						182.27	182	1	0	0	0			
																						/	183	1	0	0	0			
																					Box 32	184.46	184	1	0	0	.1			
																						/	185	1	0	0	.1			
																							186	1	0	0	.1			
																							187	1	0	0	.1			
																					187.5	187.46	188	1	0	0	.1			
																						188.36	189	1	0	0	.1			
																						/	190	1	0	0	.1			
																							191	1	0	0	.1			
						QC	45														Box 33	191.41	192 826	1	1	2.5	.1	<.07		
						FC	45															/	192.93	.93	1	.3	.1			
																					197.93	197.93								

APPENDIX I

SAMPLE PREPARATION AND ANALYSIS
(As per Chemex 1987 Schedule)

Sample preparation (Chemex code 212):

Rock and core samples.
Dry, crush entire sample in two stages, subsample and pulverize using rotary grinder. Screen sample to -140 mesh and examine screen for metallics. If metallics are present, they are analyzed separately; otherwise the +140 mesh fraction is hand pulverized and homogenized with the original sample.

Analysis (Chemex code 399 - Gold)

Fire assay, A.A. finish.
Dectection limit .07 gm/t.

APPENDIX II

COST SUMMARY - UNITED TOMMY CLAIMS

1. Geological Mapping & Sampling:

Base Map - Delta Aerial Surveys		4,480.00
Line Cutting - Van Alphen Exploration Services		6,650.00
Labour:		
R. Potter - Geologist - Mapping		
April 1 to June 15, 48 days @ $168	$8,064.00	
P. Harness - Assistant		
April 10 to May 25, 31 days @ $80	$2,480.00	
S. Seto - Geologist - Sampling		
July 10 to 22, 12 days @ $105	$1,260.00	
K. Stroes - Geologist - Sampling		
July 10 to 22 12 days @$90	$1,080.00	
		12,884.00
Truck rental and fuel		2,400.00
Chemex analyses 25 @ $10.80		270.00
Food and Accommodation 103 days @ $20/day		2,060.00
		$28,744.00

2. Diamond Drilling:

Gibson Bros. - Road work & drill sites		6,192.50
Advance Diamond Drilling:		
Coring	$79,482.50	
Labor/Equipment	19,604.80	
Supplies and materials	19,649.65	
Mob/Demob	2,948.00	
		$121,994.56
Supervision, Logging, Sampling:		
R. Potter - Geologist		
June 16 to Oct 15, 58 days @ $168	9,744.00	
K. Stroes - Geologist		
July 23 to Oct 30, 82 days @ $100	8,200.00	
B. Miller - Votr dpliyyrt		
July 2 to 8, 7 days @ $45	315.00	
D. Lang - Core splitter		
Aug 9 to Oct 13, 49 days @ $60	2,940.00	
		21,199.00
Truck rental and fuel		2,700.00
Chemex analyses 981 samples @$10.80		10,594.00
Food and Accommodation 196 days @$20		3,920.00
Report		2,000.00
TOTAL		$197,344.86

APPENDIX III

PERSONNEL AND CONTRACTORS

1. KERR ADDISON MINES LIMITED - Employees

   (i) Robert Potter, P.Eng. - Project Geologist
   R R 1 - Fulford Harbour, B.C. V0S 1C0

   (ii) Sandra Seto, B.Sc. - Geologist
   1210 60 Glamis Dr., S.W.
   Calgary, Alberta T3E 6T5

   (iii) Karen Stroes, B.Sc. - Geologist
   1130 Findlay Street,
   White Rock, B.C. V4B 4K8

   (iv) Patrick Harness - Assistant
   Box 975 Ucluelet, B.C.

   (v) Byron Miller - Core Splitter
   1130 Findlay Street
   White Rock, B. C.

   (vi) Don Lang - Core Splitter
   91 Machleery Street
   Nanaimo, B.C. V9R 2G3

2. CONTRACTORS:

   (i) Gibson Brothers Contracting Ltd.
   P.O. Box 74, Tofino, B.C.

   (ii) Delta Aerial Surveys Ltd.
   #5 - 7100 River Road,
   Richmond, B.C.

   (iii) Van Alphen Exploration Services Ltd.
   Box 754, Smithers, B.C.

   (iv) Advance Diamond Drilling Ltd.
   19469 - 92nd Ave.,
   Surrey, B.C. V3T 4W2

APPENDIX IV

CERTIFICATE

I, Robert Potter, do hereby certify:

1. That I am a Geological Engineer currently in the employ of Kerr Addison Mines Limited.

2. That I am a graduate of the University of British Columbia B.A.Sc. (Geological Engineering) 1961 and of McGill University M.Sc (Mineral Exploration) 1972.

3. That I am a member in good standing of the Association of Professional Engineers of B.C.

4. That this Assessment Report, dated November 10, 1987, is based on my knowledge of the geology of the Kennedy River area and and on my direct involvement in the mapping and diamond drilling program carried out by Kerr Addison Mines Limited on the Tommy property in 1987.

Dated at Vancouver, B.C. this 10th day of November 1987.

Robert Potter M.Sc.,P.Eng.

APPENDIX V

REFERENCES

B.C. Minister of Mines, Annual Reports. 1903. p.H232; 1904. p. H192; 1914. p. K219; 1923. pp. A245-246; 1935. pp. F46-F48. 1939. p. A42.

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Drummond, A.D. January 19, 1984. Report on the Tommy, Golden Gate, and Waterfall Mineral Claims, Alberni Mining Division, Kennedy River, West of Port Alberni, B.C. In Statement of Material Facts for International Phoenix Energy Corporation, dated May 17, 1984.

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Goldsmith, L.B. 1986 Review of Exploration Data United Bear and United Tommy Mineral Claim Groups. Kennedy River Area. Alberni Mining Division, Vancouver Island, B.C.

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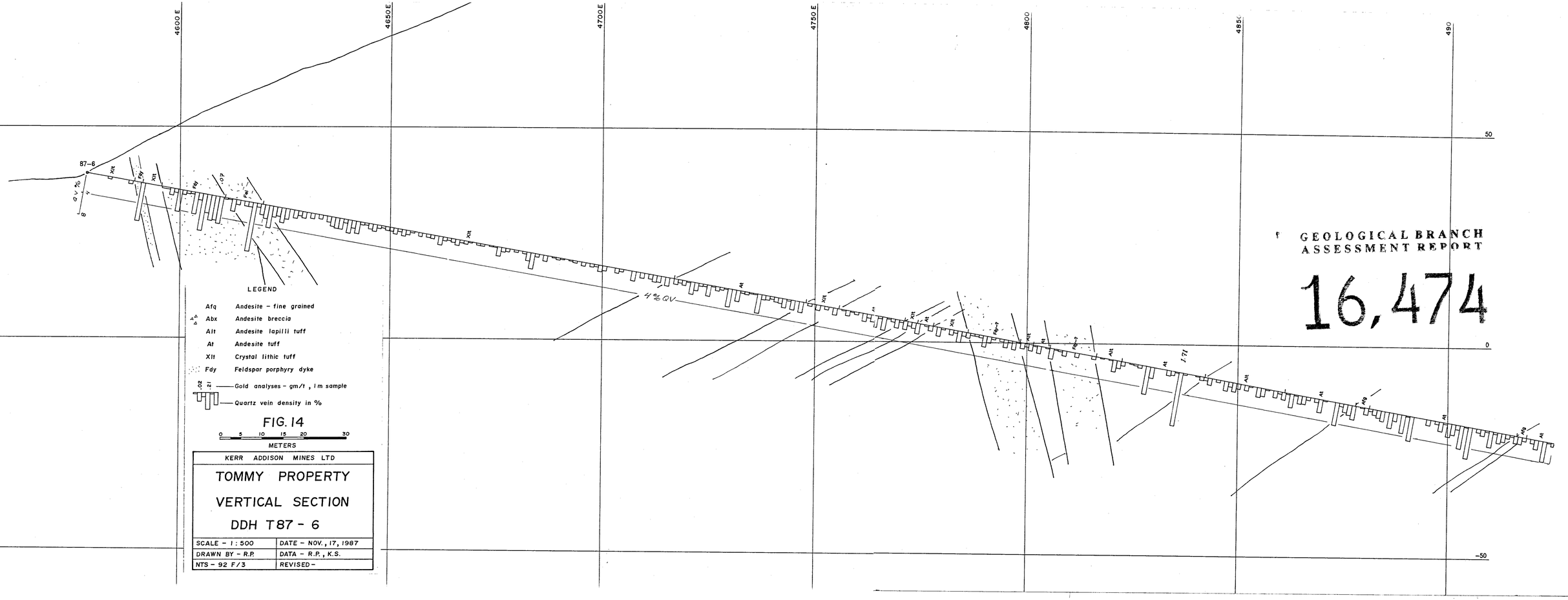
Groves, W.D. December 9, 1985. Letter report documenting a property visit subsequent to June 2, 11985, submitted for First Coast Minerals Corporation.

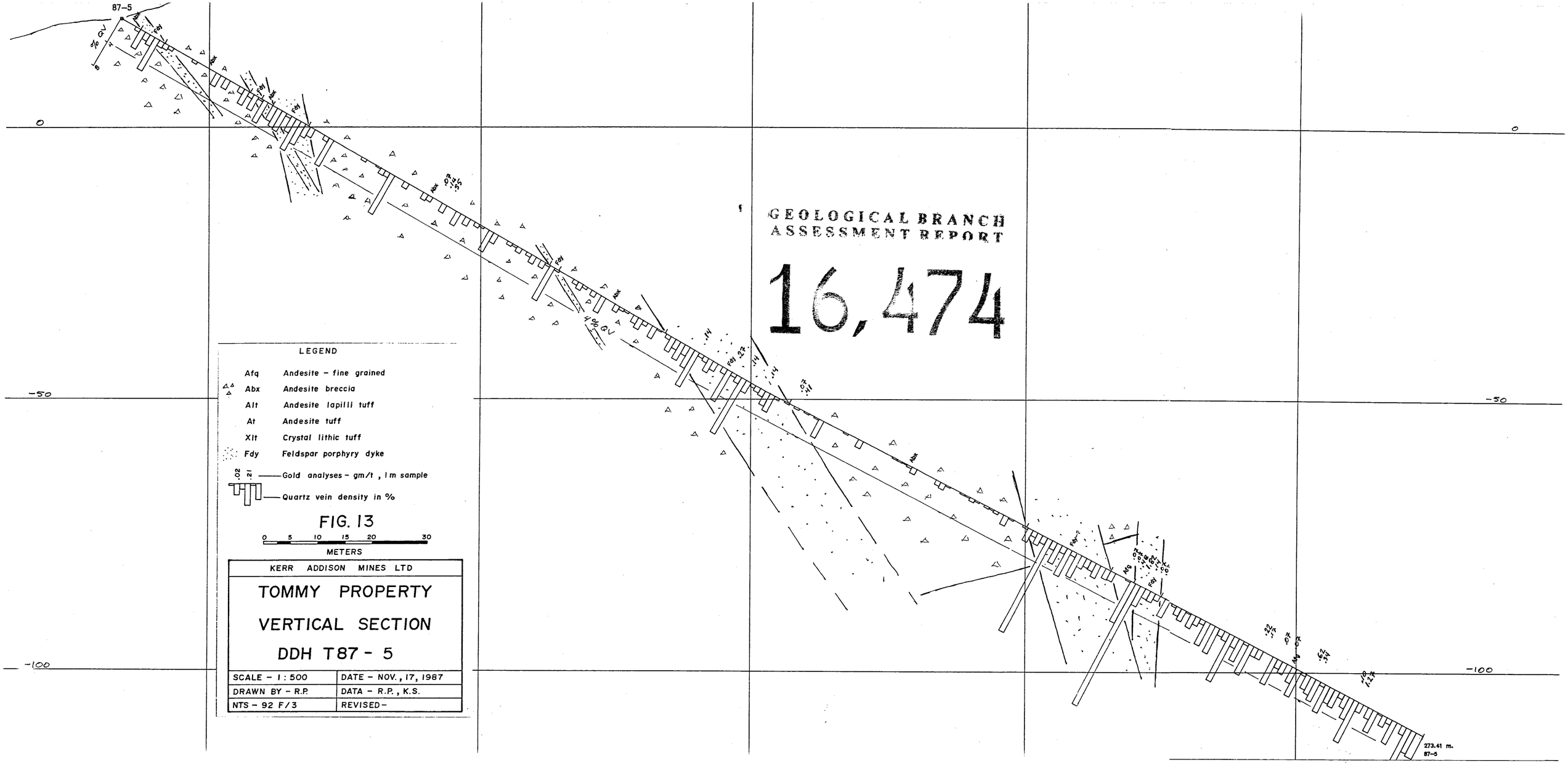
Muller, J.E. and Carson. D.J.T. 1969. Geology and mineral deposits of Alberni Map Area, B.C. G.S.C. Paper 68-50 AND mAP 17-1968.

Spilsbury, T.W. September 17, 1984. Report on the geological, geochemical, electromagnetic, and magnetomer surveys conducted on the Tommy, Golden Gate, and Waterfall claims, Alberni Mining Division. Private report for Teck Explorations Limited and International Phoenix Energy Corporation.

APPENDIX VI

DIAMOND DRILL LOGS





LEGEND

	Afq	Andesite – fine grained
	Abx	Andesite breccia
	Alt	Andesite lapilli tuff
	At	Andesite tuff
	Xlt	Crystal lithic tuff
	Fdy	Feldspar porphyry dyke

.02 / .21 — Gold analyses – gm/t , 1m sample

Quartz vein density in %

FIG. 13

0 5 10 15 20 30

METERS

KERR ADDISON MINES LTD

TOMMY PROPERTY

VERTICAL SECTION

DDH T87 - 5

SCALE – 1 : 500	DATE – NOV., 17, 1987
DRAWN BY – R.P.	DATA – R.P., K.S.
NTS – 92 F/3	REVISED –

Kennedy River

Tofino - Alberni Highway

APPROXIMATE LIMITS OF DENSE QUARTZ VEINING.

LEGEND

TERTIARY

Tvp — Feldspar porphyry dykes

MIDDLE TO UPPER JURASSIC

GD — Island Intrusions - Hornblende Granodiorite

UPPER TRIASSIC / LOWER JURASSIC

Ab — Sedimentary Division - Bonanza subgroup - Argillite

UPPER TRIASSIC

QI — Quotsio formation - Recrystallized Limestone

KARMUTSEN FORMATION:

Abx — Andesite Breccia

Ata — Andesite Lapilli tuff

At — Andesite tuff

Atg — Andesite fine grained flows

Fault

"Tommy trio" quartz veins, thickness in cm.

Jointing

Shearing

Bedding

Outcrop area

Diamond drill hole, collar & projection

Trench location

Rock specimen location

Rock sample for Au analysis

Measured section - width / number of quartz veins / volume % of quartz veins

KERR ADDISON MINES LTD.

TOMMY CLAIMS

KENNEDY RIVER AREA

GEOLOGY & DRILLING

SCALE - 1:1000

DRAWN BY - P.H., R.P.

NTS - 92 F/3W

DATE - NOV. 13, 1987

DATA - S.S., R.P.

REVISED -

FIG. 5

GEOLOGICAL BRANCH
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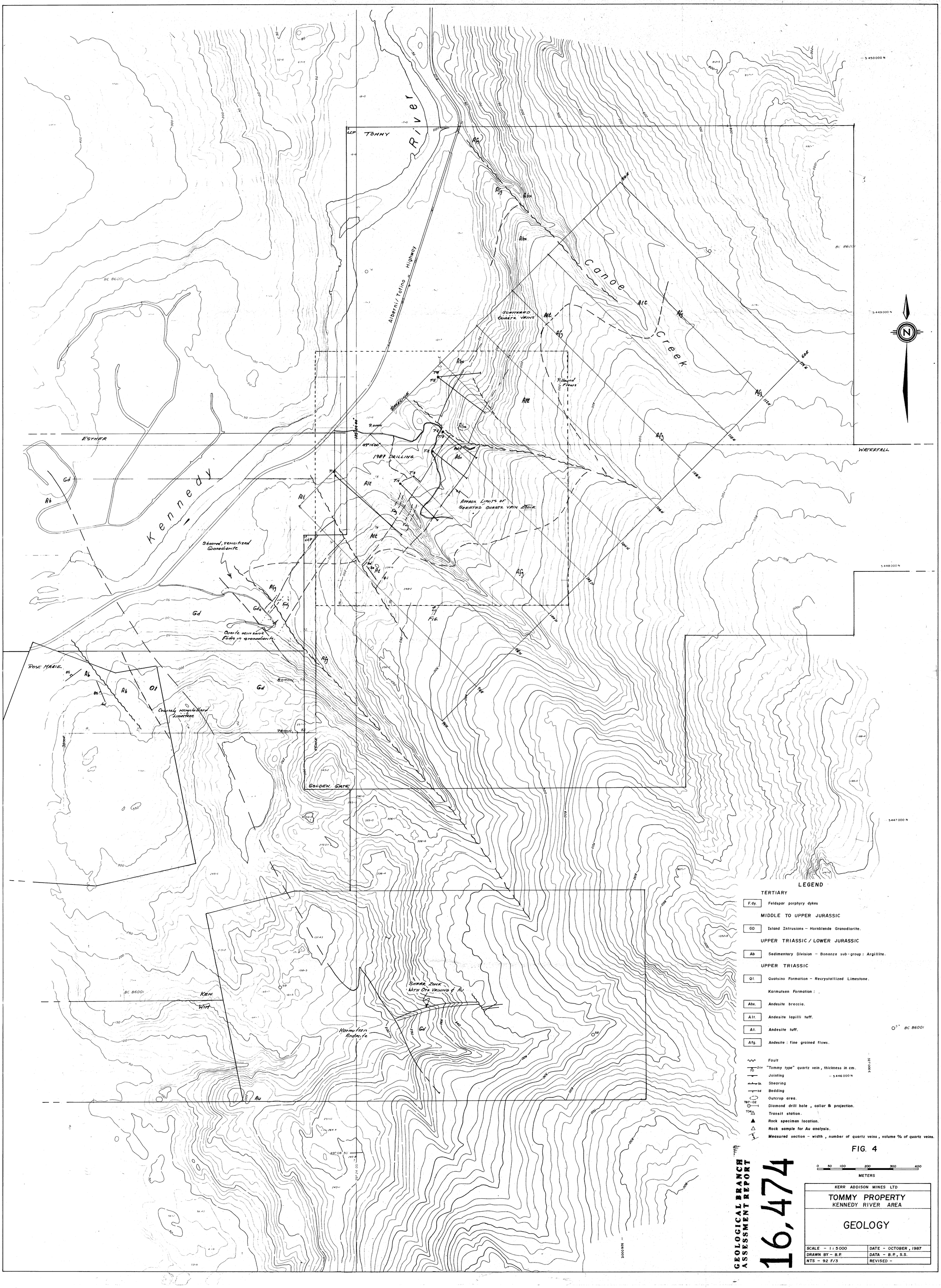
16,474



LEGEND

TERTIARY

- F.dy. — Feldspar porphyry dykes

MIDDLE TO UPPER JURASSIC

- GD — Island Intrusions – Hornblende Granodiorite.

UPPER TRIASSIC / LOWER JURASSIC

- Ab — Sedimentary Division – Bonanza sub-group: Argillite.

UPPER TRIASSIC

- Ql. — Quatsino Formation – Recrystallized Limestone.

Karmutsen Formation:

- Abx. — Andesite breccia.
- Alt. — Andesite lapilli tuff.
- At. — Andesite tuff.
- Afg. — Andesite: fine grained flows.

- Fault
- 2cv (70) — "Tommy type" quartz vein, thickness in cm.
- Jointing
- Sh — Shearing
- bd — Bedding
- Outcrop area.
- T87-02 — Diamond drill hole, collar & projection.
- TO — Transit station.
- Rock specimen location.
- Rock sample for Au analysis.
- Measured section – width, number of quartz veins, volume % of quartz veins.

BC 86001

FIG. 4

0 50 100 200 300 400
METERS

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,474

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TOMMY PROPERTY
KENNEDY RIVER AREA

GEOLOGY

SCALE – 1:5000	DATE – OCTOBER, 1987
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NTS – 92 F/3	REVISED –