ARIS SUMMARY SHEET

District Geologist, Kamloops — Off Confidential: 89.02.08

ASSESSMENT REPORT 17062 — MINING DIVISION: Lillooet

PROPERTY: Goldbelt
LOCATION: LAT 50 55 36 LONG 122 46 54
UTM 10 5641474 515345
NTS 092J15W
CLAIM(S): Golden Sidewalk
OPERATOR(S): Manhattan Min.
AUTHOR(S): Sampson, C.J.
REPORT YEAR: 1987, 139 Pages
COMMODITIES
SEARCHED FOR: Gold,Lead,Zinc
GEOLOGICAL
SUMMARY:

Four mineralized shear zones (Dauntless, Peerless, Alpha and Beta) all containing gold, occur in Permo-Triassic Bridge River Group greenstones and argillites. The Dauntless and Peerless were explored by adits and diamond drilling in the past. The Alpha strikes east-west, dips 80 degrees south and carries gold to 13.7 grams per tonne over 2 metres. The Beta strikes 030-040 and dips 30-50 degrees northwest. Vertical rotary holes intersected up to 58.3 grams per tonne gold over 1.5 metres.

WORK
DONE: Drilling
ROTD 2226.5 m 22 hole(s)
Map(s) - 3; Scale(s) - 1:2500,1:500,1:250
SAMP 700 sample(s) ;AG,AS,CU,PB,SB,ZN,AU
RELATED
REPORTS: 05325
MINFILE: 092JNE073,092JNE076

2P

REPORT ON

REVERSE CIRCULATION ROTARY DRILLING

Goldbelt (649-651), Alpha Extension (653-656)
and Golden Sidewalk (660) Claims

Lillooet Mining Division
Goldbridge, B. C.

Latitude: 50°55'N Longitude: 122°45'W
N.T.S.: 92-J-15 (E and W)

for

Manhattan Minerals Corporation
Suite 935 - 800 West Pender St.
Vancouver, B.C. V6C 2V6
604-689-1639

by

Chris J. Sampson, P.Eng.
Consulting Geologist

Vancouver, B.C.
18 December 1987

SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

TABLE OF CONTENTS

LIST OF ILLUSTRATIONS

1. SUMMARY

Manhattan Mineral Corporation holds the 28 units, Golden Sidewalk claims which are situated 10 kms east of Goldbridge in the Bridge River area of British Columbia.

The claims are underlain by cherts, cherty argillites, argillites and greenstones of the Bridge River group rocks, which form the host rocks for former producing gold mines elsewhere in the area. Two prospects, the Peerless (in the northwest corner of the property) and Dauntless (adjoining the Minto in the southeastern corner of the property) were discovered during the prospecting boom in the Bridge River area in the mid 1930s and adits were driven to explore both prospects in the late 1930s. Subsequent programmes of diamond drilling in 1964, 1975, 1983 (Dauntless) and 1983 (Peerless) further explored the two properties.

In 1984 Warstar Resources carried out a programme of geological mapping and geochemical soil sampling over the claim group which located a series of strong arsenic, gold, antimony soil anomalies in the northwestern quarter of the claims. Subsequent bulldozer trenching in December 1984 and backhoe trenching in June 1985 discovered two gold bearing shear zones, the Alpha and Beta zones.

The Alpha Zone strikes N80E, dips vertically, is up to 20 m. wide and contains extensive disseminated pyrite and lenses of massive pyrite, galena, and sphalerite up to 30 cms thick. A 1 m. channel sample from the original bulldozer trench across the most massive mineralization assayed 0.293 oz/ton Au and 0.26 oz/ton Ag. Grab samples from this mineralization gave 0.436 oz/ton Au, 0.47 oz/ton Ag and 0.589 oz/ton Au, 0.29 oz/ton Ag. A further channel sample from the later backhoe trenching assayed 0.347 oz/ton Au, 0.41 oz/ton Ag.

The Beta zone was exposed by trenching over a width of 1 m. but the steep slope in this area prevented exposing the zone over its full width. The zone apparently strikes NE/SW and dips at 30°-40°NW. It contains several 1-5 cm wide quartz veins carrying arsenopyrite, sphalerite, galena and pyrite. A grab sample taken in December 1984 from the best exposed mineralization assayed 0.188 oz/ton Au and 0.78 oz/ton Ag.

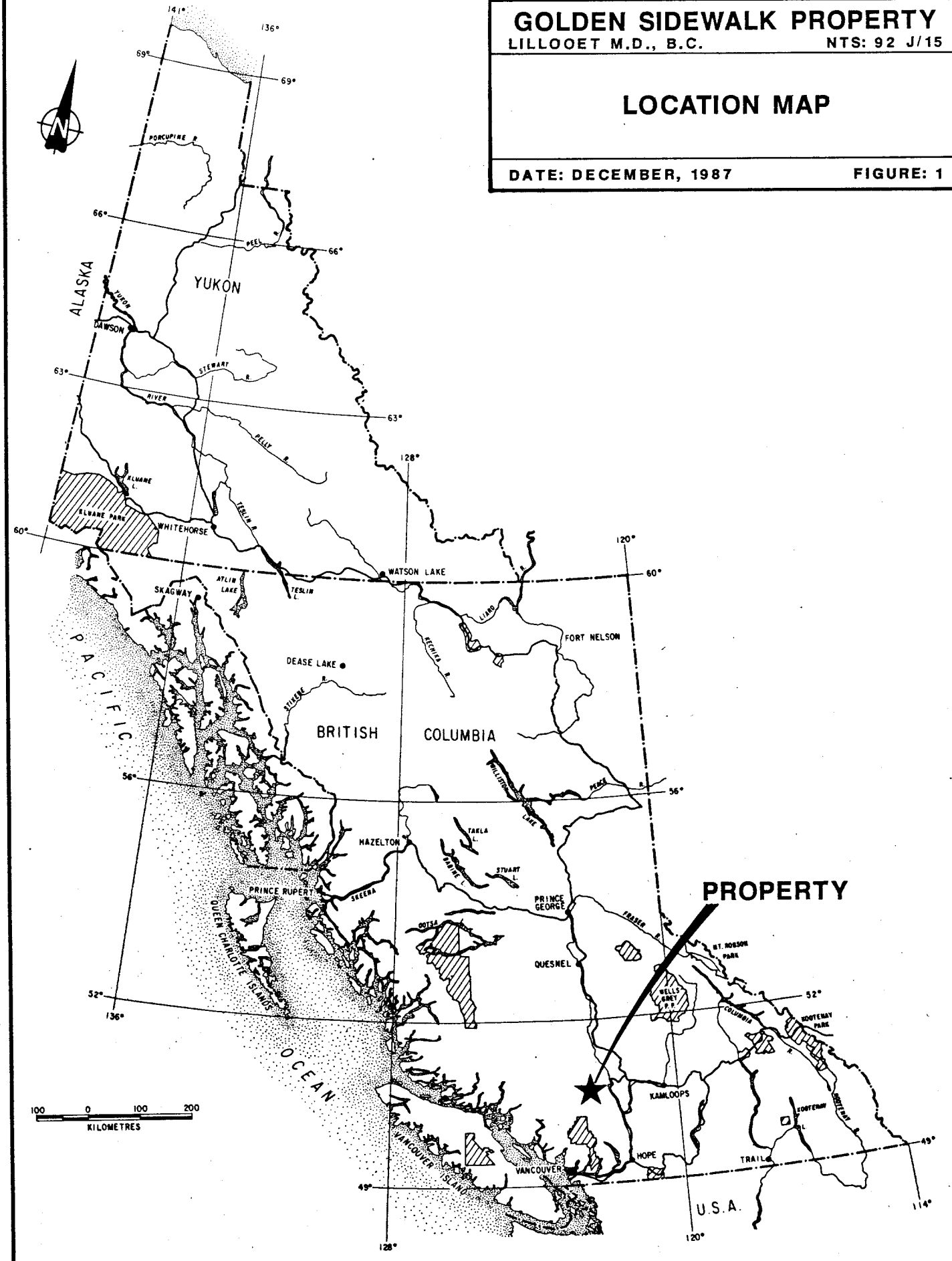
MANHATTAN MINERALS INC.

GOLDEN SIDEWALK PROPERTY

LILLOOET M.D., B.C. NTS: 92 J/15

LOCATION MAP

DATE: DECEMBER, 1987 FIGURE: 1



R.W.R. MINERAL GRAPHICS LTD.

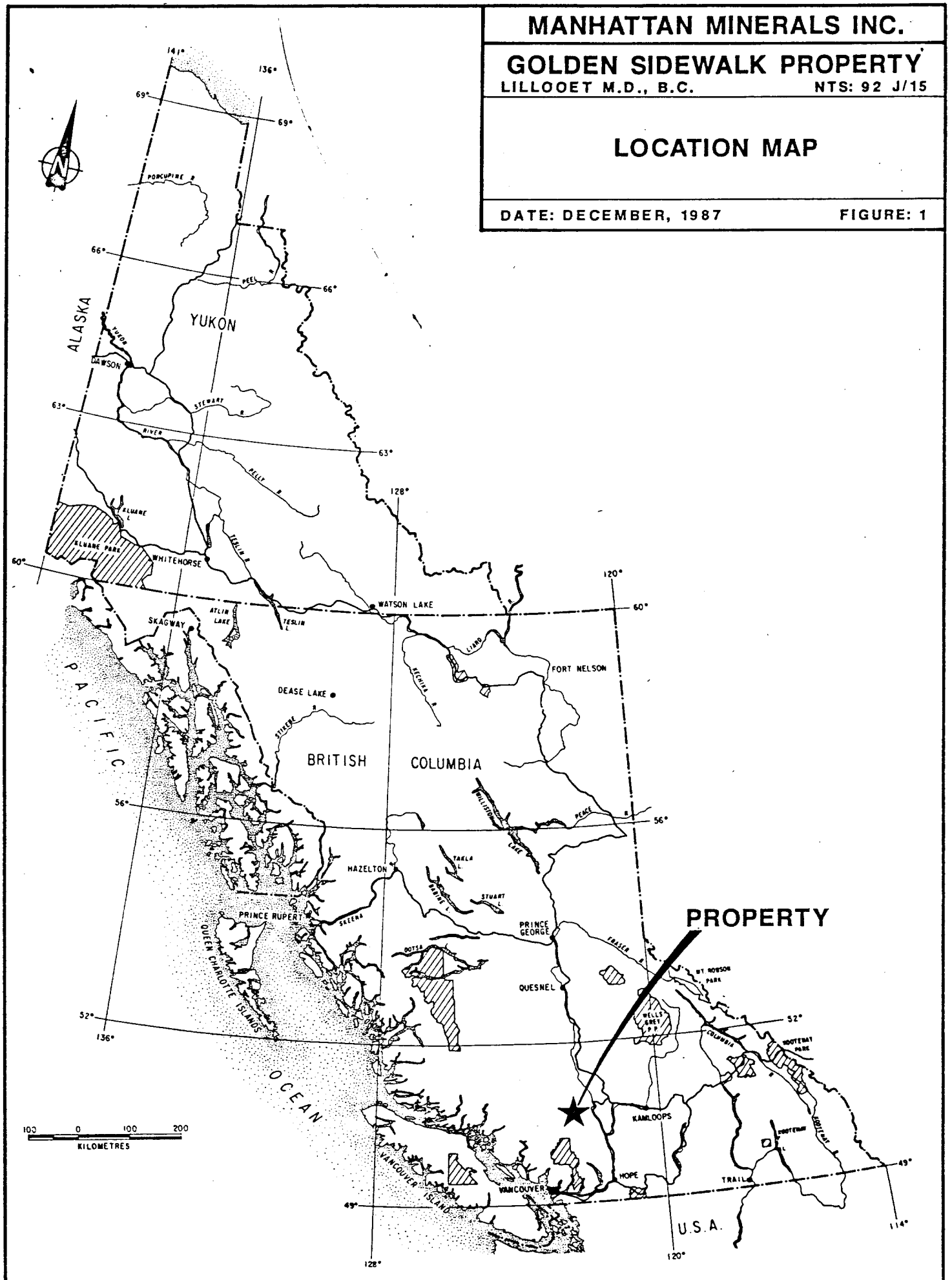
MANHATTAN MINERALS INC.

GOLDEN SIDEWALK PROPERTY

LILLOOET M.D., B.C. NTS: 92 J/15

LOCATION MAP

DATE: DECEMBER, 1987 FIGURE: 1



RWR MINERAL GRAPHICS LTD

In September 1985 Warstar Resources drilled 8 short diamond holes (total footage 1725 ft., 525.75 m.) to explore the two zones along strike and down dip. Hole 85-1 intersected mineralization from 51.11-51.18 m. which assayed 0.747 oz/ton Au, 0.51 oz/ton Ag. Hole 85-2 intersected 35.0-36.0 m. 0.122 oz/ton Au, 0.12 oz/ton Ag (both on the Alpha Zone).

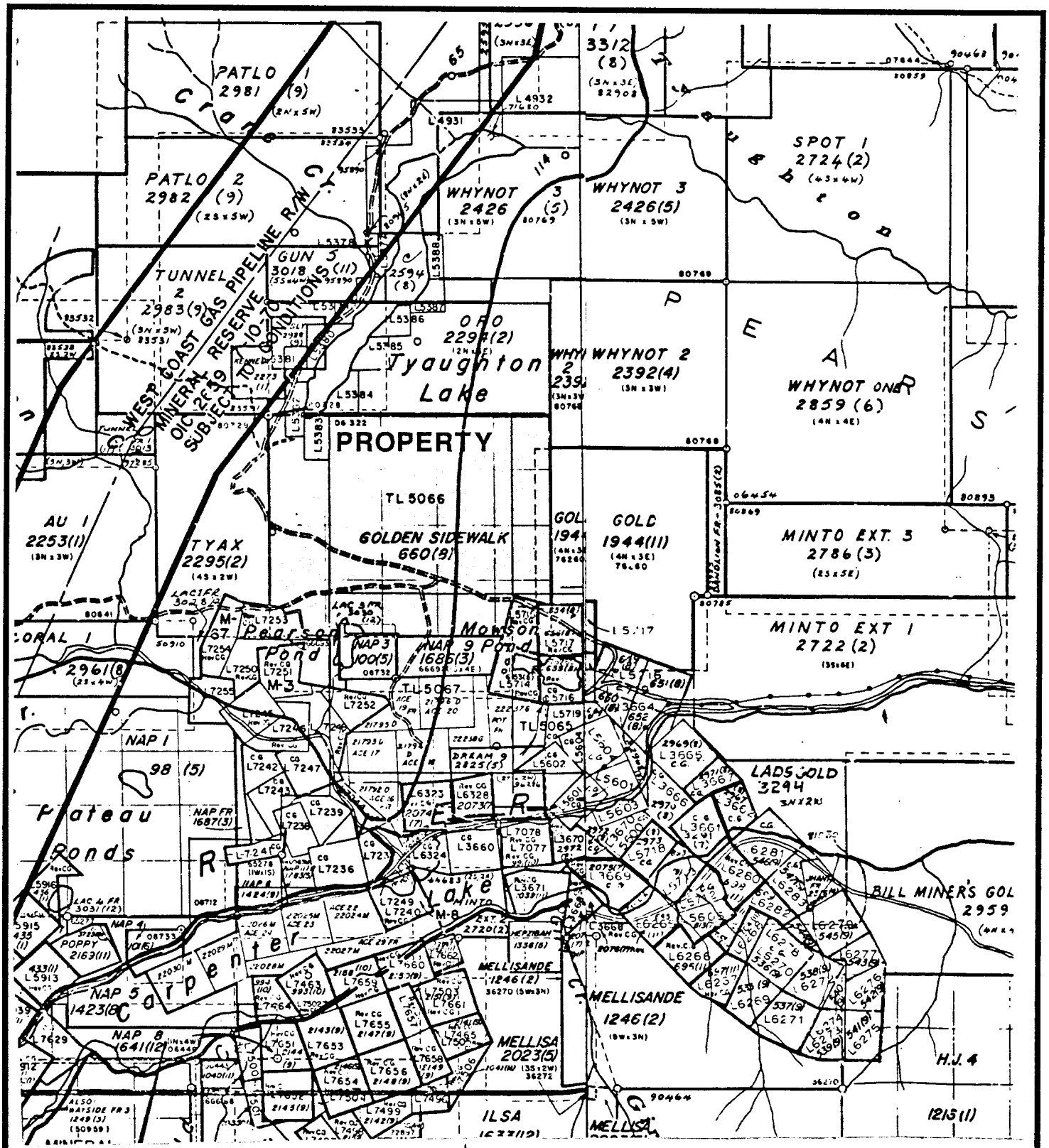
The three holes, 85-6 to 85-8, drilled on the Beta Zone intersected mineralization but only low gold values were present (85-6: 59.0-59.2 m., 0.049 oz/ton Au, 0.18 oz/ton Ag; 85-7: 55-56 m., 0.052 oz/ton Au, 0.07 oz/ton Ag).

During November 1987, Manhattan Minerals drilled 22, reverse circulation rotary drill holes totalling 7305 ft. (2226.5 m.) of which 87-1 to 87-6, 87-10, 87-15 to 87-18 were on the Alpha Zone, Holes 87-7 to 87-9 and 87-11 to 87-14 on the Beta Zone, Holes 87-19 and 87-20 were on the Peerless vein and Holes 87-21 and 87-22 were on the Dauntless vein.

The rotary drilling did not improve the overall grade of the Alpha Zone. The highest values obtained (Hole 87-8, 140-145 ft. 0.30 oz/ton silver and 0.122 oz/ton gold, Hole 87-17, 260-265ft. 0.17 oz/ton Ag & 0.306 oz/ton Au, and Hole 87-18, 230-235ft. 0.09 oz/ton Ag & 0.152 oz/ton Au) are comparable to those obtained in 1985 drill programme (Holes 85-1,2,3). Assay values obtained from the Peerless and Dauntless drill holes were also substantially below ore grade.

The intersections obtained from the Beta are, however, very significant. The gold grades encountered are substantially higher than values from the original trench samples. In particular Holes 87-8 65-70 ft. 5.86 oz/ton silver and 1.700 oz/ton gold, and 87-9 170-175 ft. 0.36 oz/ton silver and 1.129 oz/ton gold intersected gold values much higher than had previously been found on the Golden Sidewalk property.

There is apparent continuity of the zone between Holes 87-8,9,12 and 14 and the structure remains open down dip to the west.



MANHATTAN MINERALS INC.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92 J/15

CLAIM MAP

C.J.SAMPSON, P.Eng.

DATE: DECEMBER, 1987 FIGURE: 2

2. INTRODUCTION

During the period 29 October - 27 November 1987, Manhattan Minerals Corp. carried out a programme of reverse circulation rotary drilling on their Golden Sidewalk property in the Bridge River area, B.C.

Twenty-two holes totalling 7305 ft. (2226.5 m.) were drilled to explore the Alpha and Beta zones, and the Peerless and Dauntless veins. This report describes results of the rotary drilling programme.

3. PROPERTY, LOCATION, ACCESS, CLIMATE

The Golden Sidewalk, Alpha Extension and Goldbelt claims which are held by Manhattan Mineral Corporation straddle the road between Tyaughton and Carpenter lakes 10 km east of Goldbridge, B.C.

The Golden Sidewalk claim (originally known as the Peerless and later the Zinc claims) consists of 20 metric units (5EW x 4NS). The Alpha and Goldbelt (originally the Dauntless) claims consist of 4 reverted Crown grants and 4 located claims and adjoin the Golden Sidewalk claim at its southeast corner.

Claim details are as follows:

Name	Record No.	Anniversary Date
Goldbelt 1-4 inc.	649-652 inc.	08 August 1989
Golden Sidewalk	660 (20 units)	28 August 1989
Alpha Ext.	653 (reverted Crown grant)	08 August 1989
Alpha Ext. 2	644 (reverted Crown grant)	08 August 1989
Alpha Ext. 3	655 (reverted Crown grant)	08 August 1989
Alpha Ext. 4	656 (reverted Crown grant)	08 August 1989

Access to the property from either Goldbridge (10 km west) or Lillooet (96 km east) is readily gained by way of a gravel highway which runs along the north side of Carpenter Lake (Figure 1).

Since the property is situated close to the coast of B.C. and lies between 650 and 1040 metres altitude it has reasonably long, warm summers and short, crisp winters. Snow cover is usually only a problem between December and April each year.

4. HISTORY

A. Goldbelt (Dauntless)

1935-36: The Reward Mining Company drove the existing adit on the vein. It was subsequently sampled by B.C. Department of Mines staff.

1960: Paul Polischuk sampled the vein in the adit.

1964: Sherwin F. Kelly further sampled the vein and recommended a program of diamond drilling, geology and geophysics. (Report by Kelly, October 1964).

1965: At least parts of Kelly's recommendations were carried out by the owners of the property, San Doh Mines, since in his report of March 1965 Jos Sullivan mentions that during a visit to the property, he examined drill core from Holes 1, 2 and took further check samples from the vein. Sullivan's report includes a geological plan of the adit and three diamond drill holes, but doesn't show the geology or assay results encountered by the holes.

1973: Sherwin Kelly again examined the property (Report to Rainbow Lake Exploration, owners at that time). Kelly did further sampling in the adit and recommended a program of diamond drilling.

1975: Ashcroft Resources Ltd., successors to Rainbow Lake Explorations, carried out a program of sampling and diamond drilling of three holes. (Report by J.P. Elwell, November 1975).

1983: Warstar Resources commissioned a report from J.P. Elwell summarizing all information on the Golden Sidewalk, Goldbelt and Alpha claims.

During July, August and October 1983, Warstar drilled 7 NQ diameter diamond drill holes totalling 468.1 m. (1536.6 ft.) to explore the continuity of the veins down dip. Holes 83-1 to 83-3 were drilled on the Dauntless vein.

B. Golden Sidewalk Property (Peerless)

1937: Earliest reference to the property (1937 B.C. Department of Mining Report) indicates that it was found during the prospecting boom in the Bridge River area in the early thirties. The report gives a good description of the adit (originally known as the lower adit) and the other trenches and inclined shaft.

1975: Thunder Creek mines cleaned out the adit and attempted to locate the inclined shaft (Report by C.A.R. Lammle, December 1974). No work was reported and the claims lapsed. The area was restaked by P. Polischuk for Dawson Logging & Construction.

1978: Dawson Logging carried out a program of line cutting and bulldozer trenching (Report on sampling results, J.P. Elwell, August 1979).

1980: Dawson Logging carried out VLF EM geochemical soil sampling and geological mapping on the Golden Sidewalk property. Results and recommendations from that report are included in Elwell's 1983 report.

The 1983 Warstar drilling programme explored the Peerless vein by four holes, 83-4 to 83-7.

C. The Alpha and Beta Zones

During summer 1984, Warstar Resources ran a 100 m. spaced line grid across the property and carried out a programme of geological mapping and geochemical soil sampling which located several strong arsenic, antimony, lead, zinc and gold anomalies in the northwest quarter of the property (Sampson, December 1984).

A programme of bulldozer trenching in December 1984 discovered two mineralized gold bearing shear zones - designated the Alpha and Beta Zone.

In June 1985 Warstar did a backhoe trenching programme to extend and deepen the bulldozer trenches. This managed to expose the two zones over greater widths and strike length but was eventually limited by overburden thickness too deep for backhoe excavation.

In September 1985, Warstar drilled 8 short diamond holes totalling 1725 ft. (525.7 m.) of which 87-1 to 87-5 explored the Alpha Zone and 87-6 to 87-8 explored the Beta Zone. (In order to compare results of the diamond drill holes with those attained from the recent rotary drilling, the results and logs of the 1985 holes are included in this report.)

5. GEOLOGY

a) General Geology

The Golden Sidewalk, Alpha and Goldbelt claims are underlain by greenstones, cherty argillites, limestones, and dioritic intrusives of the Bridge River Group, which is exposed regionally along a wide axial zone of a broad complex antiformal structure that plunges to the northwest along an axis that passes through Shalalth and Tyaughton lakes and contains the main valleys of Bridge River and Seton Lake. (The term «Bridge River Group» for these rocks was adopted by Roddick and Hutchison (G.S.C. Paper 73-17) to resolve problems of nomenclature caused by earlier geologists who had used «Bridge River Series» or «Fergusson Group» for part or all of the sequence.)

The group consists mainly of a thick sequence of thin bedded chert, cherty argillite and argillite intercalated with altered andesitic and basaltic flows and minor limestone. Although apparently considerable, the thickness of the assemblage is not known because of complex folding and faulting and the lack of easily recognizable marker horizons.

Dark to light grey weathering chert and dark cherty argillite are the most abundant rock types but locally (as on the Warstar properties) dark argillite is dominant.

Grey-green, green to chocolate-brown weathering massive greenstone gives the impression of being more abundant than it actually is because of high resistance to weathering. Most outcrops apparently were flows or breccias of basic andesitic to basaltic composition. Locally the units are amygdaloidal and exhibit pillow structure.

Pods of light grey to buff grey weathering limestone occur throughout the Bridge River Group. Most are 15 m. thick or less with a few as thick as 100 m. Most of the limestone is extensively veined by recrystalized carbonate and recrystalization has destroyed most fossils but on the east side of Tyaughton Creek, immediately above the Bridge River road, an assemblage of conodonts collected by Monger in 1971 positively identify the Bridge River Group as Middle Triassic age.

Rocks of the Bridge River Group exhibit only low regional metamorphic grade, generally in the pumpellyite-prehnite range.

The argillites and greenstones occurring on the Warstar properties are intruded by a series of Diorite dikes some of which show a feldspar porphyritic texture. There are hardly mentioned in the various geological survey publications covering the district. It is not clear whether they were related to the volcanism which occurred in middle Triassic times or were intruded during the period of major Igneous activity which formed the Bendor Pluton just east of Bralorne.

b) Economic Geology

The original discoveries of economic interest on the Golden Sidewalk property are the Dauntless (Goldbelt) and Peerless (Golden Sidewalk) veins. Both were explored and sampled by adits driven in the mid 30s. Several sampling programs have been subsequently carried out, the results of which are tabulated in Tables 1 and 2.

The Dauntless vein, which is 10 ft. (3 m.) wide at the adit portal, strikes 055°, dips 80°NW and shows sharp, slickensided contacts with the country rocks, indicating that it is located in a fault structure.

The vein crosscuts the local sequence and wall rocks are thus either argillite, greenstone (andesite) or both.

Access to the 75 m. (246 ft.) adit is no longer possible due to caving of the portal area. A good sketch map is however contained in Jos Sullivan's 1965 report.

Where seen at the portal and in drill holes the vein consists of quartz-calcite with arsenopyrite, pyrite, stibnite and variable gold and silver values. Sullivan's mapping and sampling indicate that the vein pinches out and values decline to only trace amounts to the southwest along the adit.

TABLE 1:

ADIT SAMPLING PROGRAMMES:

a) Goldbelt (Dauntless) Property

Year	Sampler	Distance from Portal	Description	Width	Assays Au	Ag	As	Sb	Reference
1936	B.C.D.M. Geologist	42 ft (12.8m)	Across then face at 29 Sept. 1936	a)4.2ft (1.28m)	0.2	0.2	Tr	Tr	B.C.D.M. Annual Report 1936
				b)4.5ft (1.37m)	0.1	0.1	0.2	Nil	
				c)5ft (1.52m)	0.02	Tr	0.2	Nil	
		33 ft (10.06m)	FW-HW	a)31" (0.78m)	0.06	Tr			
				b)75" (1.9m)	0.07	Tr			
			Muck sample (same location)		0.10	Tr			
		22 ft (6.71m)	FW-HW	a)5.5ft (1.68m)	0.14	Tr			
				b)3ft (0.91m)	0.26	Tr			
			Selected Grab		0.56	Tr			
1960	Paul Polischuk	40 ft (12.19m) to Face (250ft/ 76.2m)	Detailed locations not given	(Calcite seam inface) (Altered wall rock)	From 0.06 to 0.4				Report by Kelly 1964
	Sherwin Kelly	Above portal	Channel(?)	9 ft (2.74 m)	0.74	0.25			
1965	Jos Sullivan Paul Polischuk	55 ft (16.76m)	HW	1.5ft (0.45m)	0.06	0.35			Report by Sullivan 1965
			HW	6.0ft (1.83m)	0.02	0.27			
			Vein	2.7ft (0.83m)	0.23	0.60			
		70ft (21.33m)	HW	6.0ft (1.83m)	0.18	0.47			
			HW	4.0ft (1.22m)	0.01	0.15			
			Vein	2.0'/0.61m	0.20	Tr			
			Oxidized wall	---	0.02	-			
		144ft (43.89m)	HW	3.0ft (0.91m)	0.01	0.05			
		155ft (47.24m)	HW & Quartz Vein	7.0ft (2.13m)	0.015	0.17			
		204ft (62.18m)	Oxidized wall	---	0.035				
		250ft (76.2m)	Face	5.5ft (1.68m)	0.005	0.5			
				5.0ft (1.52m)	0.015	0.9			
1973	Sherwin Kelly	At Portal	East side (FW) Back	5 ft (1.52m)	0.65	0.15			Report by Kelly 1973
			West side (HW)	5 ft (1.52m)	0.087	0.05			
			Combined back sample	10 ft (3.04m)	0.368	0.10			
1983	J.P. Elwell	At Portal	Across back (chip)	9 ft (2.74m)	0.205				

TABLE 2:

b) Golden Sidewalk (Peerless) Property

Year	Sampler	Distance from Portal	Description	Width	Assays				Reference
					Au	Ag	Pb	Zn	
1937	B.C.D.M. Geologist	21ft (6.4m)	Channel	7ins (0.18m)	0.28	2.7		10.4	B.C.D.M. 1937
		194ft 59.13m)	Back(?) across shear	1.8ft (0.55m)	0.3	2.7		8.5	
		256ft (78.02m)	Face	3.7ft (1.13m)	Tr	0.4		1.5	
1983	R.Mazur	21ft (6.4m)	Back HW chip	2 ft (0.61m)	0.003	0.05	0.03	0.08	Report by R. Mazur 1983
			Back vein channel	1 ft (0.31m)	0.198	4.71	1.95	21.65	
			Back FW channel	1 ft (0.31m)	0.010	0.05	0.03	0.17	
		194ft (59.13m)	Back HW chip	1.5ft (0.46m)	0.008	0.02	0.02	0.19	
			Back vein channel	1.0ft (0.31m)	0.081	1.77	0.26	5.74	
			Back FW chip	1.5ft (0.46m)	0.007	0.05	0.01	0.13	
		208ft (63.4m)	Back FW chip	1 ft (0.31m)	0.01	0.10	0.03	0.18	
			Back vein channel	0.5ft (0.15m)	0.259	3.58	2.14	15.49	
			Back FW chip	2.5ft (0.76m)	0.002	0.02	0.04	0.26	
		218ft (66.44m)	Back FW chip	2 ft (0.61m)	0.02	0.2	0.12	3.78	
			Back vein channel	1.5ft (0.46m)	0.372	1.59	0.97	2.34	
			Back HW chip	3 ft (0.91m)	0.268	1.02	0.41	7.58	
		Face 256ft (78.02m)	HW channel	5ins (0.13m)	0.028	0.20	0.35	1.18	
			Vein channel	3ins (0.08m)	0.008	0.10	0.12	0.45	
			FW chip	3 ft (0.91m)	0.002	0.02	0.02	0.04	

The Peerless vein is 0.3-0.5 m. (1-2 ft.) wide, strikes 045° and dips NW at 50°-80°. It also shows slickensided, sharp, fractured contacts with the country rock which vary from argillite to greenstone (andesite) indicating that the vein is situated in a fault which cross cuts the local flat lying sequence.

The vein consists of quartz, calcite, ankerite with pyrite, sphalerite, galena and variable gold-silver values.

The Alpha Zone is situated in a 20 m. wide shear zone in massive green- and purple volcanics. It strikes N80E, dips vertically and carries extensive disseminated pyrite, and lenses of massive pyrite, galena and sphalerite up to 30 cms. thick. A 1 m. channel sample across the zone taken from the original bulldozer trench assayed 0.293 oz/ton Au, 0.26 oz/ton Ag. Further sampling from the backhoe trenching gave 0.347 oz/ton Au and 0.41 oz/ton Ag from a 1 m. channel sample across the zone.

The Beta Zone was not exposed over its full width due to bedrock depths at both ends of the backhoe trenches (G1 to G3) being beyong the digging range of a backhoe. The zone strikes NE/SW and dips 30°-50°NW. It is bounded on the hanging wall side by a 3-5 cm. wide, rusty shear which shows well developed slikensides and graphite (the footwall side was not exposed because the bedrock surface slopes off too steeply and is beyond digging range).

6. RESULTS OF SEPTEMBER 1985 DIAMOND DRILLING

Between 3 and 21 September 1985, Warstar Resources drilled 8, BQ diamond drill holes totalling 1725 ft. (525.75 m.) on their Golden Sidewalk claim in the Bridge River district, B.C.

Five 50° dip holes (87-1 to 87-5) were drilled on the Alpha Zone and three 60° dip holes (87-6 to 87-8) on the Beta Zone (as shown on the attached plans). Core recovery in all holes was excellent at approx. 100%. Areas of disseminated pyrite, arsenopyrite, sphalerite, galena, and hematite were split and assayed. Drill logs and assay results are attached.

Holes 85-1, 85-2, 85-3 successfully intersected the Alpha Zone as follows:

Hole Number	Depth	Assay (oz/ton)	Remarks
85-1	24.88-25.88	0.007 Au 1.58 Ag	Fault zone
	51.11-51.18	0.747 Au 0.51 Ag 22.8% As	Alpha zone
	51.18-51.68	0.10 Au 0.12 Ag	
	51.68-52.18	0.015 Au 0.01 Ag	
85-2	35.0-36.0	0.122 Au 0.12 Ag	Alpha zone
85-3	22.0-22.3	0.063 Au 4.67 Ag	Alpha zone

Hole 85-4 did not intersect significant mineralization and 85-5 encountered only weak mineralization (21.86-21.96M, 0.013 oz/ton Au, 0.01 oz/ton Ag and 41.94-42.94, 0.012 oz/ton Au, 0.06 oz/ton Ag.

Hole 85-6 intersected the Beta Zone as planned. As seen in drill core it consists of a heavily silicified zone, carrying 1-10 mm. quartz veins with occasional blebs of chalcopyrite and arsenopyrite in pink quartz. Precious metal values were low. A lower mineralized zone was encountered with precious metal values (59.0-59.2 m, 0.049 oz/ton Au, 0.18 oz/ton Ag).

Hole 85-7 intersected low precious metal values (55-56 m, 0.052 oz/ton au, 0.07 oz/ton Ag). Hole 85-8 did not encounter significant disseminated mineralization.

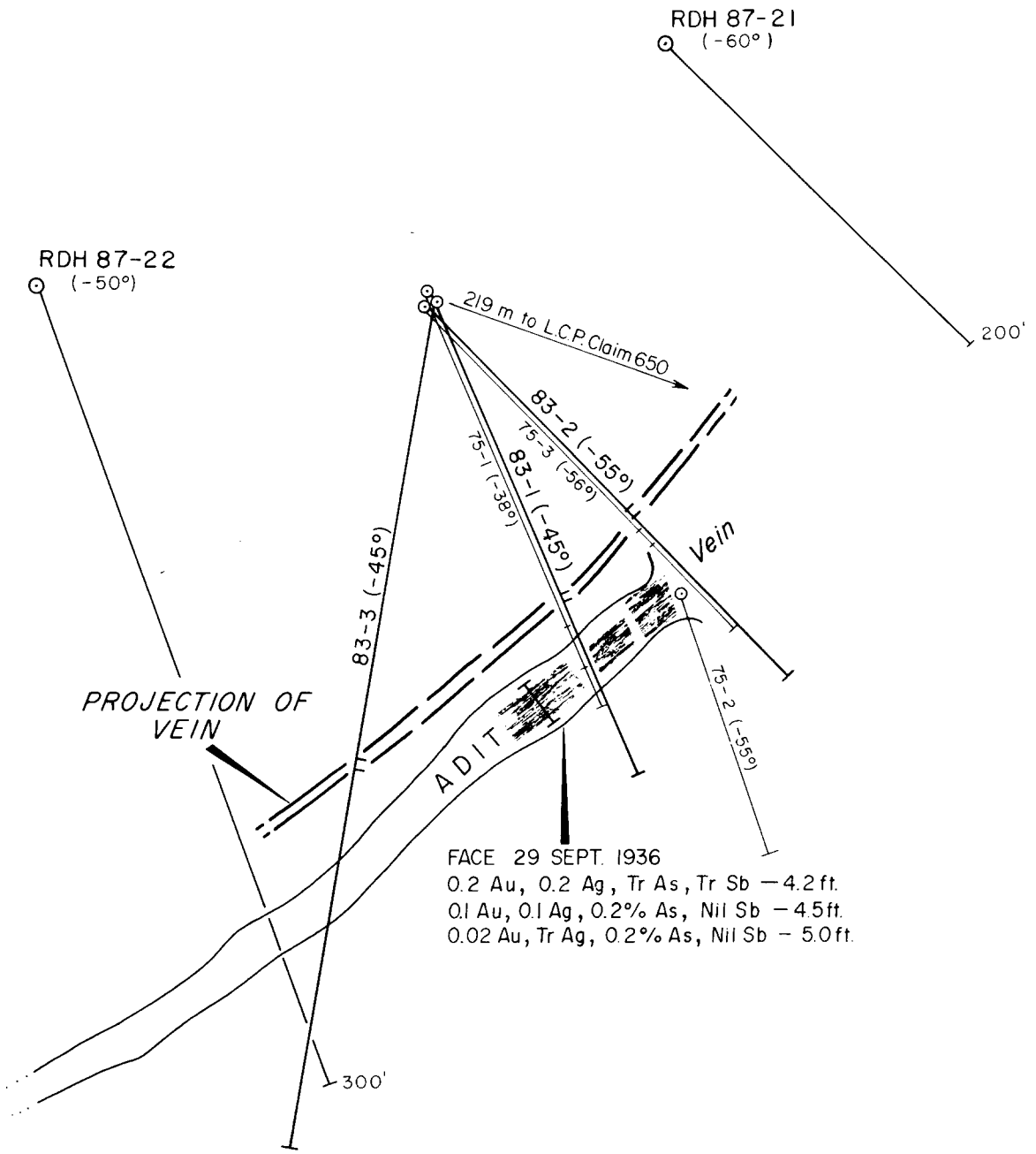


FIGURE 6

MANHATTAN MINERAL CORP.

GOLDBELT (DAUNTLESS) PROPERTY

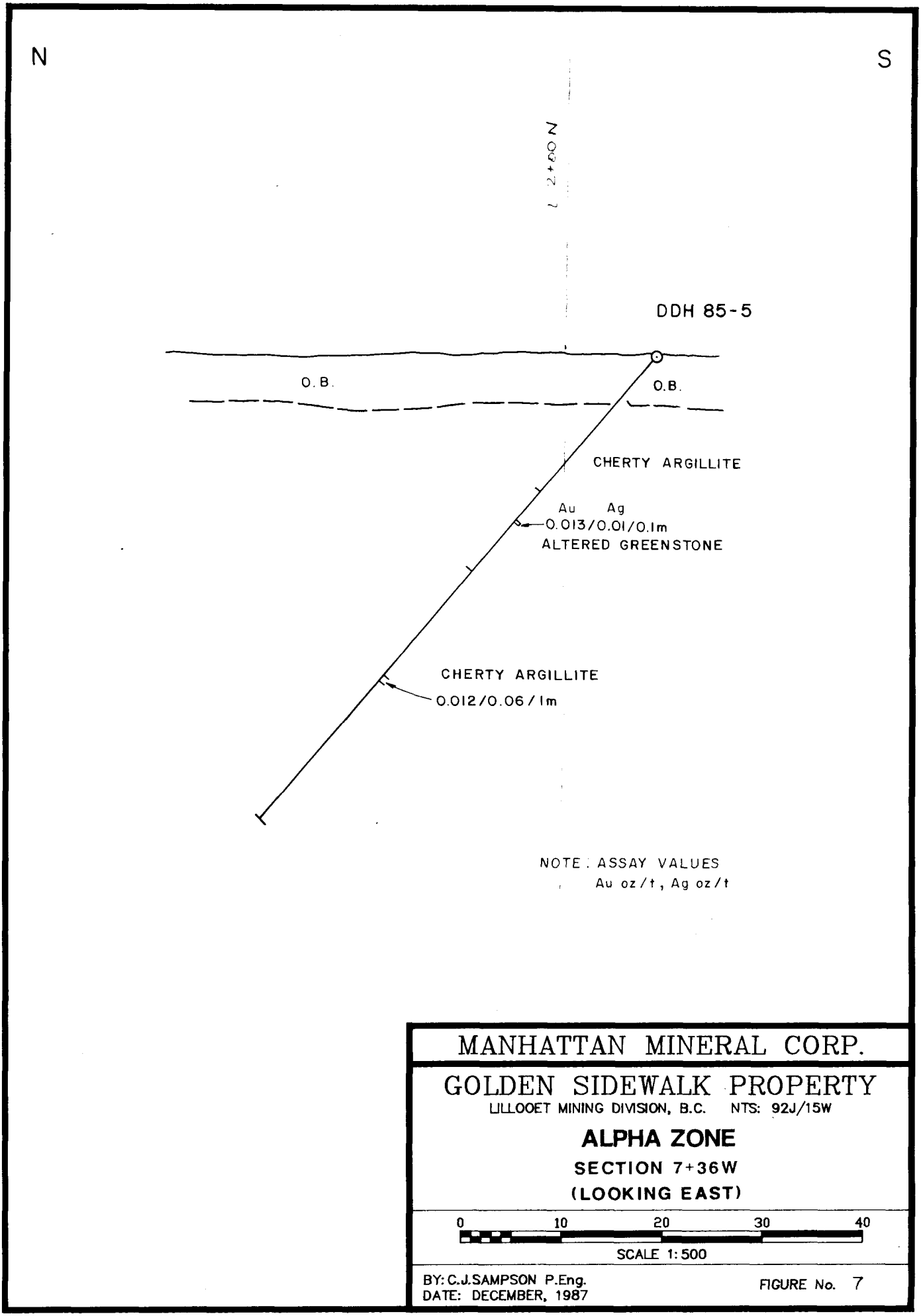
PLAN OF D.D. HOLES

GOLD BRIDGE AREA

LILLOOET MINING DIVISION, B.C.

DATE.	SCALE.	BY.
OCT. 1983	1:480	C. SAMPSON

Rev. DEC., 87



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 7+36W

(LOOKING EAST)

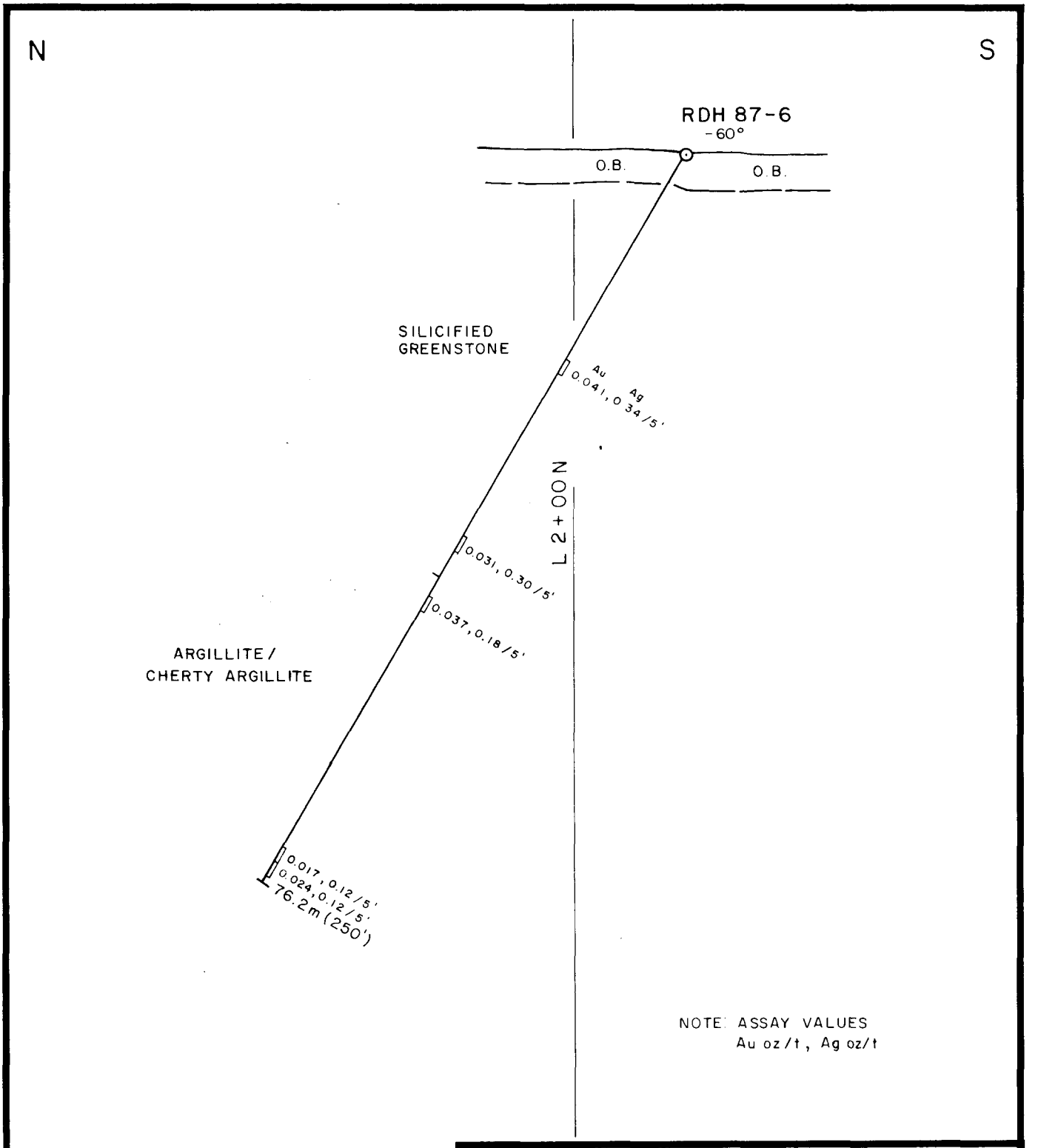
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 7

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 7+25W

(LOOKING EAST)

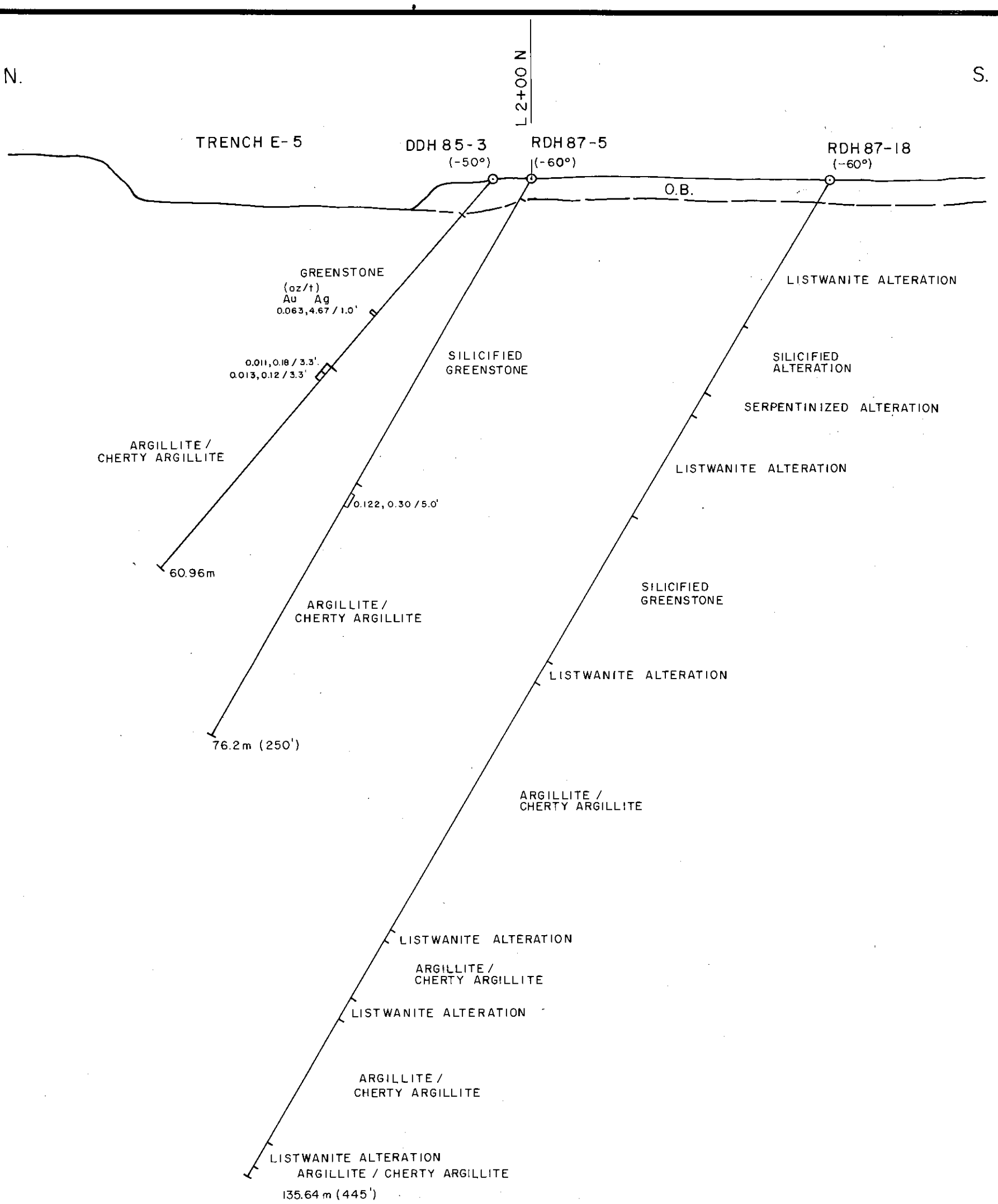
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 8

Prepared by: RWR MINERAL GRAPHICS LTD.



NOTE: ASSAY VALUES
Au oz/t, Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 7+00W

(LOOKING EAST)

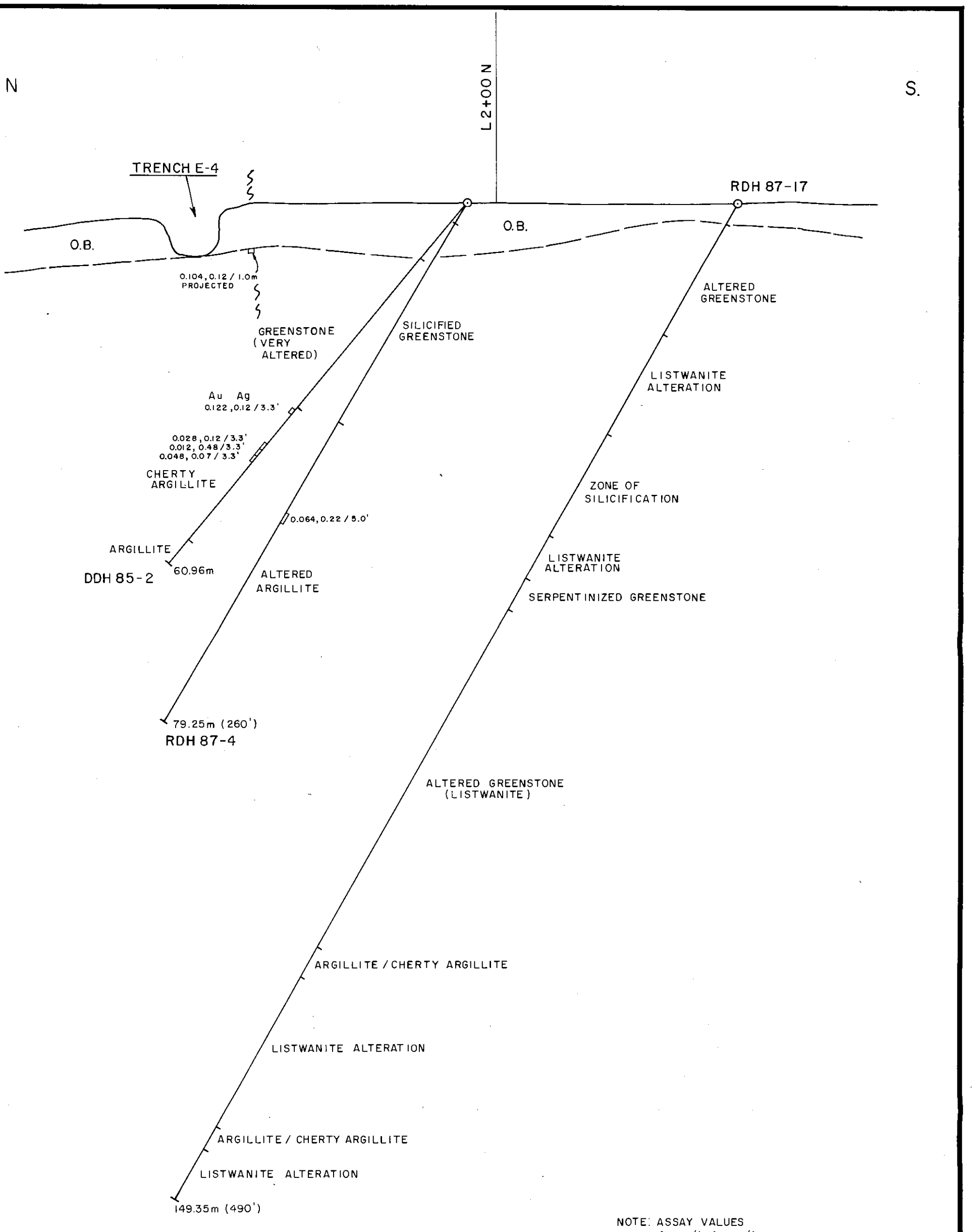
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 9

Prepared by: RWR MINERAL GRAPHICS LTD.



NOTE: ASSAY VALUES
Au oz/t, Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 6+80W

(LOOKING EAST)

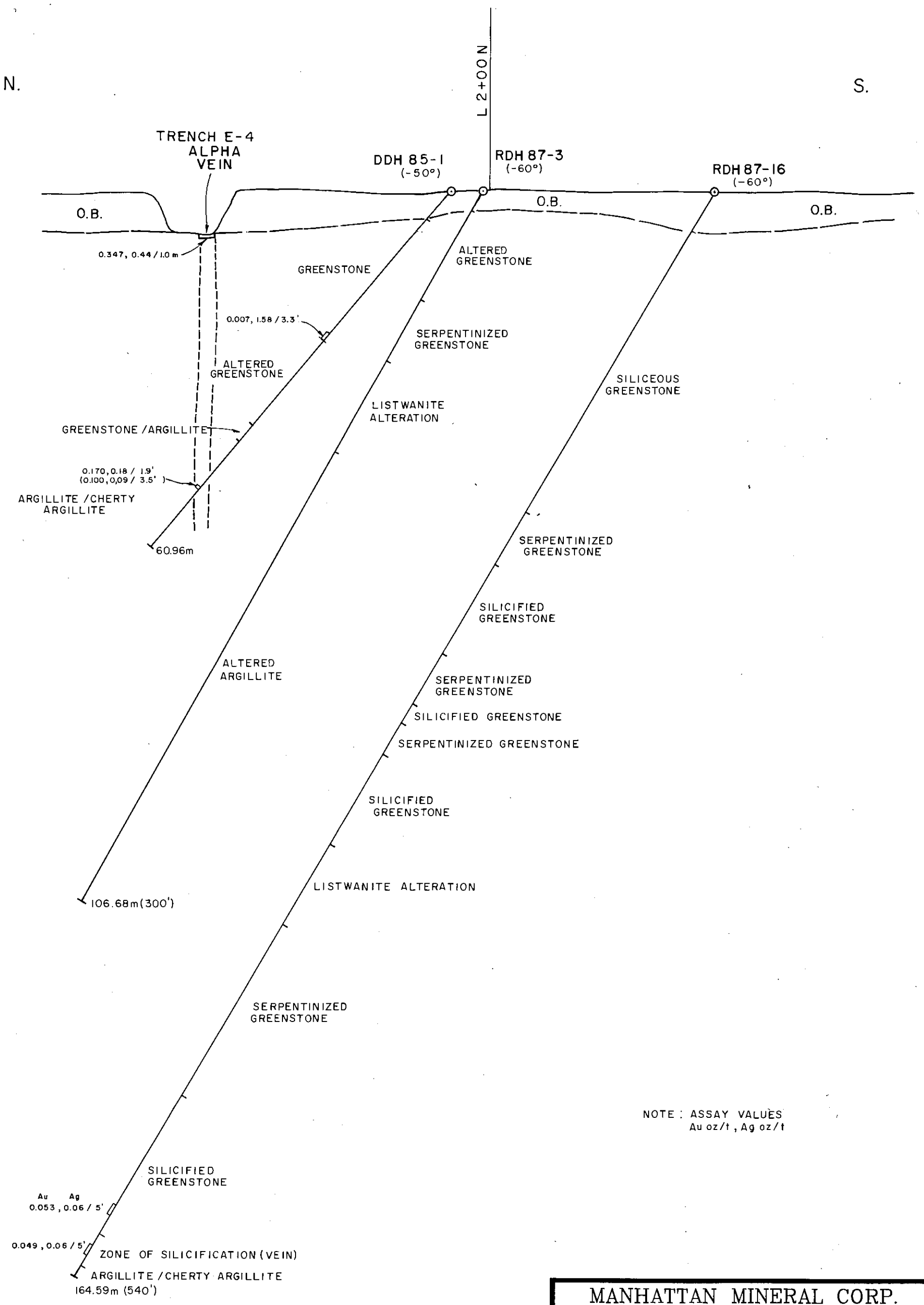
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 10

Prepared by: RWR MINERAL GRAPHICS LTD.



NOTE : ASSAY VALUES
Au oz/t , Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 6+60W

(LOOKING EAST)

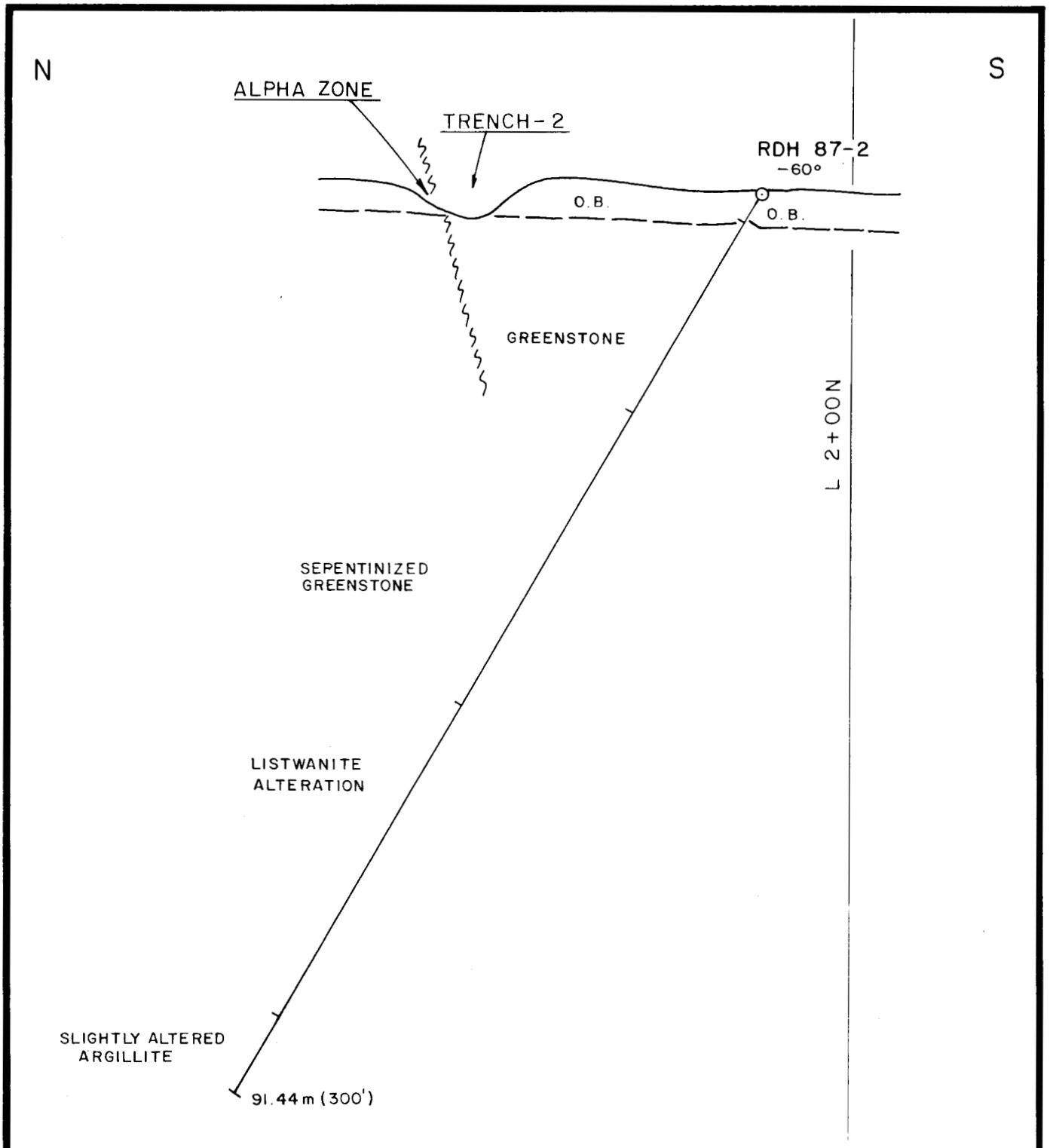
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 11

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 6+28W

(LOOKING EAST)

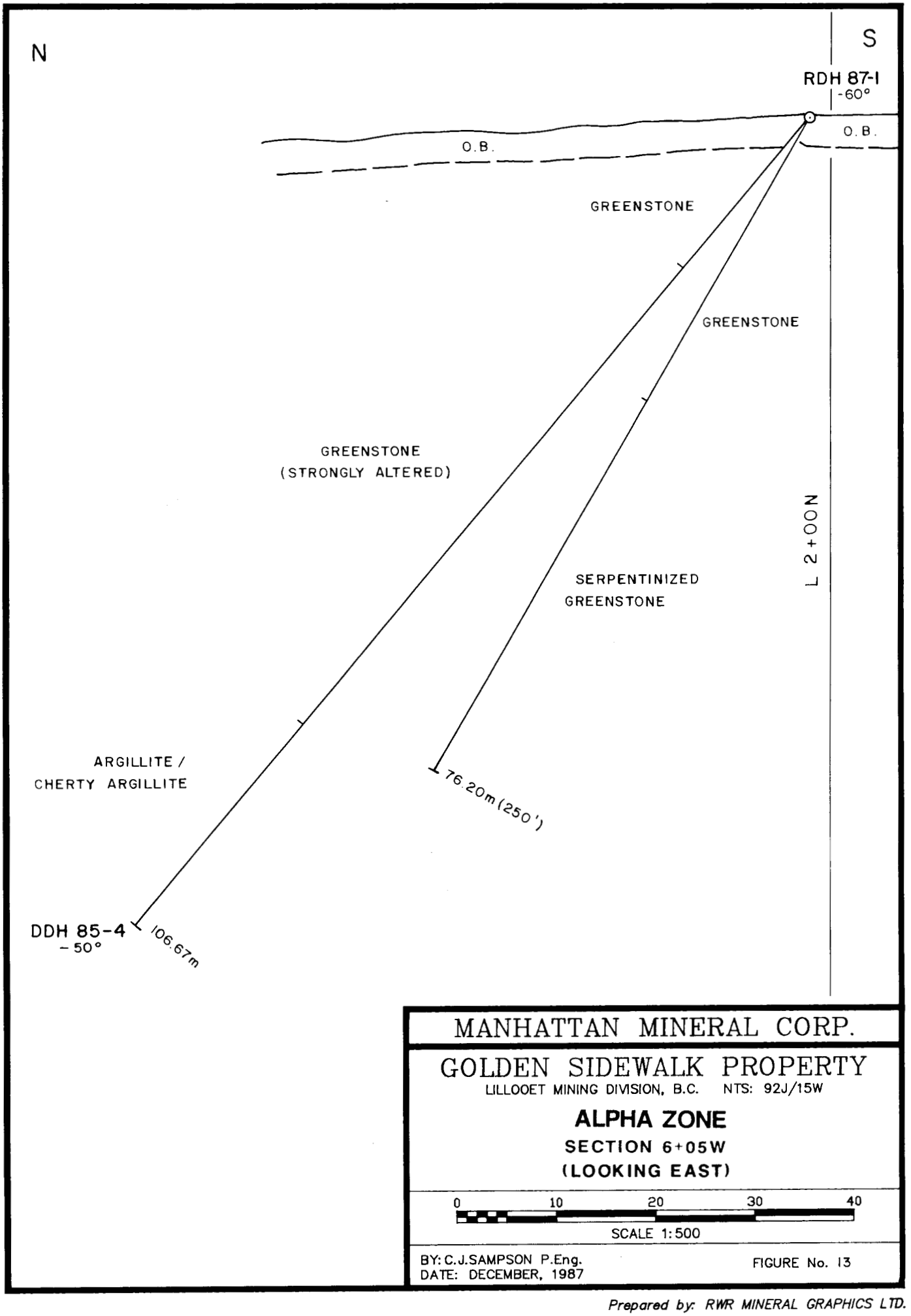
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 12

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 6+05W

(LOOKING EAST)

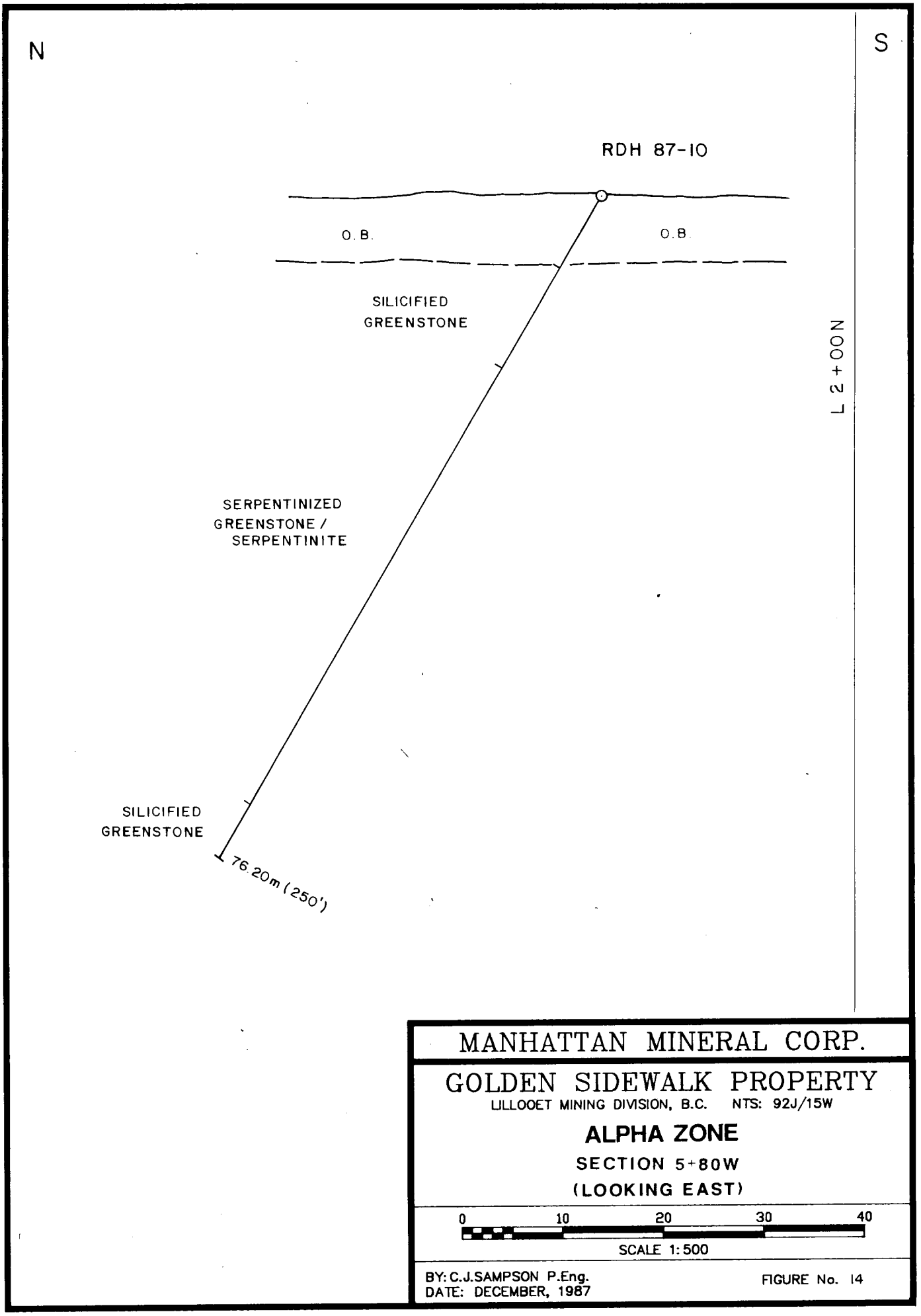
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 13

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 5+80W

(LOOKING EAST)

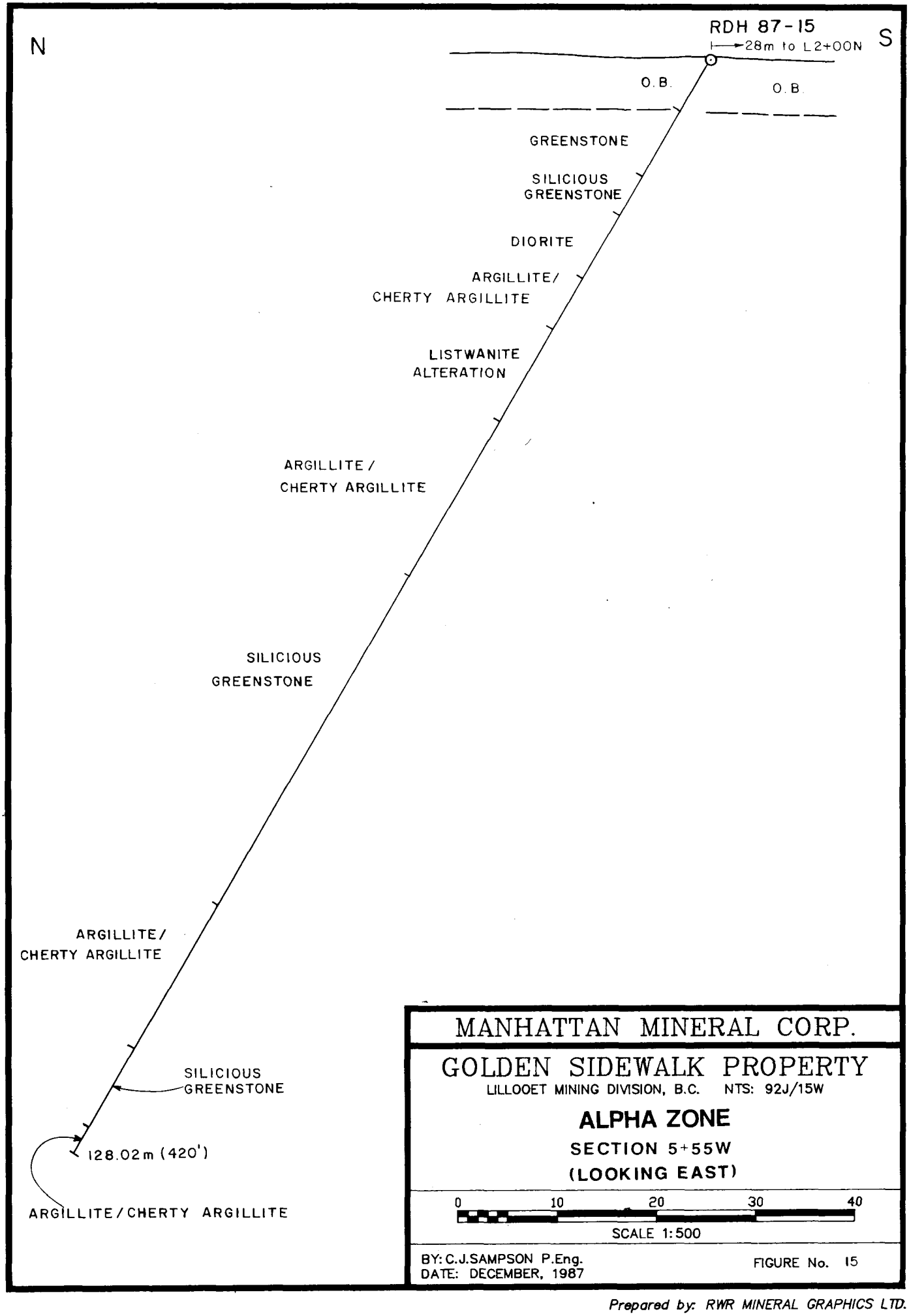
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 14

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

ALPHA ZONE

SECTION 5+55W

(LOOKING EAST)

0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 15

Prepared by: RWR MINERAL GRAPHICS LTD.

NW

SE

RDH 87-13

RDH 87-9

O.B.

TRENCH J

O.B.

SERPENTINIZED GREENSTONE

SILICIFIED GREENSTONE

SILICIOUS GREENSTONE

0.030, 0.06/5'

Au Ag

0.277, 0.11/5'

1.129, 0.36/5'

} 0.690, 0.24/10'

ALTERED GREENSTONE

LISTWANITE ALTERATION

ALTERED GREENSTONE

76.20 m (250')

SERPENTINITE/ SERPETINIZED GREENSTONE

134.11m (440')

NOTE: ASSAY VALUES
Au oz/t, Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

BETA ZONE

SECTION A

(LOOKING NORTHEAST)

0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 16

Prepared by: RWR MINERAL GRAPHICS LTD.

NW

SE

RDH 87-14
(PROJECTED 7m NE TO SECTION)

RDH 87-8
(PROJ. 5m NE TO SECTION)

DDH 85-8 (-50°)
(PROJ. 5m SW TO SECTION)

O.B.

O.B.

SERPENTINIZED GREENSTONE

Au Ag
0.376, 0.72 / 5'

0.100, 0.31/5'

0.051, 0.55/5'
0.049, 0.68/5'

SILICIFED GREENSTONE

0.099, 0.58/5'

0.076, 0.35/5'

LISTWANITE ALTERATION

0.151, 0.41/5'
0.081, 0.78/5'
0.043, 0.11/5'
0.094, 3.42/5'

SILICIOUS GREENSTONE

0.053, 0.27/5'

LISTWANITE ALTERATION

GREENSTONE / SERPENTINIZED GREENSTONE

SILICIOUS GREENSTONE

0.091, 1.56/5'

0.016, 0.17/5'

SILICIOUS GREENSTONE (BLEACHED)

SILICIOUS GREENSTONE

GREENSTONE / SERPENTINIZED GREENSTONE

152.40 m (500')

1.700, 5.86/5'
0.677, 3.28/5'
0.443, 1.29/5'

Au Ag
0.93, 3.47 / 15'

SILICIOUS GREENSTONE

0.151, 0.41/5'
0.030, 0.17/ 5'

LISTWANITE ALTERATION

76.20 m (250')

ALTERED GREENSTONE

ARGILLITE

ALTERED GREENSTONE

HEAVILY SILICIFIED ZONE

ARGILLITE

60.96 m

BETA ZONE

NOTE: ASSAY VALUES
Au oz/t, Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

BETA ZONE

SECTION B

(LOOKING NORTHEAST)

0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 17

Prepared by: RWR MINERAL GRAPHICS LTD.

NW

SE

RDH 87-12
(PROJECTED 5m NE TO SECTION)

RDH 87-7
(PROJ. 3m NE TO SECTION)

DDH 85-6
(PROJECTED 5m SE TO SECTION)

TRENCH G-2

O.B.

O.B.

O.B.

SILICIOUS GREENSTONE

LISTWANITE ALTERATION

ALTERED GREENSTONE

ZONE OF SILICIFICATION

VEIN

SERPENTINIZED GREENSTONE

SILICIFIED ZONE
(SPECKS OF cpy, aspy)

ARGILLITE, SOME SOME ALTERED GREENSTONE

SILICIOUS GREENSTONE

LISTWANITE ALTERATION

Au Ag
0.122, 0.32/5'

0.223, 0.75/5'

0.035, 0.29/5'

VEIN
HEAVILY MINERALIZED

0.113, 1.85/5'
0.295, 3.84/5'
0.115, 1.86/5'
0.110, 0.88/5'

Au Ag
0.150, 2.1/20'

0.089, 0.82/5'

0.111, 0.16/5'

LISTWANITE ALTERATION

SILICIFIED GREENSTONE (BLEACHED)

SILICIFIED GREENSTONE

SILICIFIED GREENSTONE (BLECHED)

152.40m (500')

Au Ag
0.090, 0.75/5'

SILICIFIED GREENSTONE

0.049, 0.18/0.65'

ALTERED GREENSTONE
60.96m

GREENSTONE

SERPENTINIZED GREENSTONE
76.20m (250')

NOTE: ASSAY VALUES
Au oz/t, Ag oz/t

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

BETA ZONE

SECTION C

(LOOKING NORTHEAST)

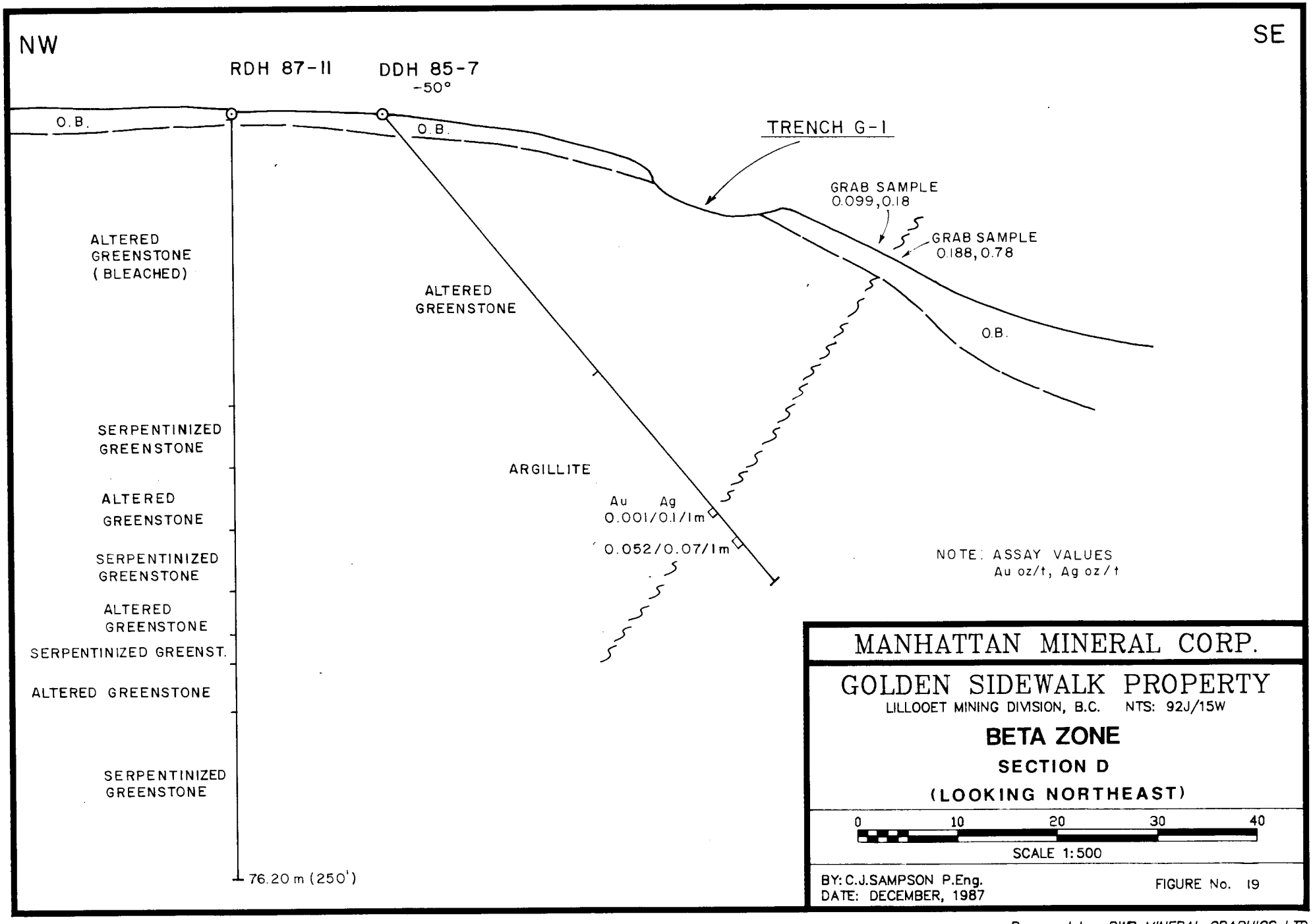
0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 18

Prepared by: RWR MINERAL GRAPHICS LTD.



MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

BETA ZONE

SECTION D

(LOOKING NORTHEAST)

0 10 20 30 40

SCALE 1:500

BY: C.J.SAMPSON P.Eng.
DATE: DECEMBER, 1987

FIGURE No. 19

Prepared by: RWR MINERAL GRAPHICS LTD.

7. ROTARY DRILLING (1987) RESULTS

Between October 29 and November 27, 1987 Manhattan Minerals used a rotary drill rig from S.D.S. Drilling of Vancouver to drill 22 holes totalling 7305 ft. (2226.5 m.).

The rotary rig drilled a $4\frac{1}{2}$ inch diameter hole and used a reverse, air circulation system to return the chip samples to surface up the inside of the drill pipe, thus minimizing contamination of the sample.

A Jones splitter was used to obtain a one eighth split sample of the cuttings from each 5 ft. run. The chips were then examined under a binocular microscope and analysed geochemically by 6 elements I.C.P. (silver, arsenic, antimony, lead, zinc and copper) and wet chemical analysis for gold. Samples showing high values for gold were then fire assayed for gold and silver.

The rotary holes on the four mineral zones are as follows:

Holes RDH 87-1 to 87-6 RDH 87-10 RDH 87-15 to 87-18	Alpha Zone
Holes RDH 87-7 to 87-9 RDH 87-11 to 87-14	Beta Zone
Holes RDH 87-19,20	Peerless Vein
Holes RDH 87-21,22	Dauntless Vein

The logs produced for each hole are shown in Appendix B. Geochemical analysis and assay certificates are in Appendix C.

The major intersections are given below:

Alpha Zone

Hole	Footage	Assay Silver oz/ton	Assay Gold oz/ton
87-3	145-150	0.17	0.043
87-4	155-160	0.22	0.064
87-5	140-145	0.30	0.122
87-6	70- 75	0.34	0.041
	130-135	0.30	0.031
	150-155	0.18	0.037
	235-240	0.12	0.017
	240-245	0.12	0.024
87-17	260-265	0.17	0.306
	475-480	0.10	0.069
87-18	220-225	0.06	0.060
	225-230	0.12	0.082
	230-235	0.09	0.152
	235-240	0.06	0.094
	300-305	0.20	0.035
	330-335	0.13	0.053
	365-370	0.12	0.066
	395-400	0.12	0.047
	400-405	0.32	0.064
	425-430	0.24	0.042
	435-440	0.06	0.078
	440-445	0.18	0.058

Beta Zone

87-7	135-140	0.75	0.090
87-8	65- 70	5.86	1.700
	70- 75	3,28	0.677
	75- 80	1.29	0.443
	(65- 80)	3.47	0.93
	125-130	0.41	0.151
	130-135	0.17	0.030
87-9	165-170	0.11	0.277
	170-175	0.36	1.129
	(165-175)	0.24	0.69

Hole	Footage	Assay Silver oz/ton	Assay Gold oz/ton
87-12	105-110	0.32	0.122
	115-120	0.75	0.223
	135-140	1.85	0.113
	140-145	3.84	0.295
	145-150	1.86	0.115
	150-155	0.88	0.110
	135-155	2.10	0.15
	160-165	0.82	0.089
	165-170	1.16	0.111
87-14	50- 55	0.72	0.376
	70- 75	0.31	0.100
	130-135	0.41	0.151
	360-365	1.56	0.091

8. CONCLUSIONS

1. The rotary drilling did not improve the overall grade of the Alpha Zone. The highest values obtained (Hole 87-5, 140-145 ft. 0.30 oz/ton silver and 0.122 oz/ton gold, Hole 87-17, 260-265ft. 0.17oz/ton Ag and 0.306 oz/ton Ag, and Hole 87-18, 230-235ft. 0.09 oz/ton Ag and 0.152 oz/ton Au are comparable to those obtained in the 1985 drill programme (Holes 85-1,2,3). Assay values obtained from the Peerless and Dauntless drill holes were also substantially below ore grade.

2. Intersections obtained from the Beta Zone are however very significant. The gold grades encountered are much higher than values from the original trench samples. In particular Holes 87-8, 65-70 ft. 5.86 oz/ton silver and 1.700 oz/ton gold and 87-9, 170-175 ft. 0.36 oz/ton silver 1.129 oz/ton gold intersected gold values much higher than had previously been found on the Golden Sidewalk property.

   There is apparent continuity of the zone between holes 87-8,9,12 and 14 and the structure remains open down dip to the west.

3. The Beta Zone may have a hanging wall and footwall vein - as is typical of gold systems in the Bridge River area and many other vein gold districts (e.g. the Motherlode system of California). This would explain the lower intersection in some of the holes (such as 87-8 and 87-12). The geology of the zone is not as yet understood - rotary drill cuttings are not as informative as drill core.

9. RECOMMENDATIONS

Phase 1

1. A new grid with a 1 km east-west baseline (approximately along the present line 2N) and 50 m. spaced north-south lines should be cut and surveyed in the north quarter of the Golden Sidewalk claim. All outcrop, trenches, drill holes and workings should be tied in to the new grid.

2. A programme of 3,000 ft. (914 m.) of NQ diameter diamond drilling should be done to explore the Beta Zone to the west.

Phase 2

3. Contingent upon successful results in Phase 1, a further programme of 10,000 ft. (3000 m.) of drilling should be done to further explore the Beta Zone and Alpha Zone.

10. COST ESTIMATES

Phase 1

1.	Grid cutting and Surveying: 20 kms at $500/km	$ 10,000
2.	3000 ft. (914 m.) of NQ diamond drilling at $24/ft. ($79/m.)	72,000
3.	Analyses and Assays	3,000

4.	Field Supervision: Geologist & Assistant - 15 days at $400/day	6,000
5.	Food and Accommodation: 15 days at $100/day	1,500
6.	Truck Rental	1,000
7.	Freight, Field Supplies, etc.	500
8.	Report Preparation, etc.	6,000
	TOTAL PHASE 1	$100,000

Phase 2 (Contingent upon success in Phase 1)

1.	10,000 ft./3000 m. of NQ diameter drilling at $24/ft. ($79/m.)	$240,000
2.	Analyses and Assays: 500 at $12 each and 200 at $20 each	10,000
3.	Field Supervision: Geologist and Assistant - 50 days @ $400/day	20,000
4.	Food and Accommodation: 50 days at $100/day	5,000
5.	Truck Rental	3,000
6.	Freight, Field Supplies, etc.	2,000
7.	Report Preparation, etc.	10,000
	TOTAL PHASE 2	$300,000
	TOTAL PHASES 1 & 2	$400,000

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
CHRIS J. SAMPSON

Chris J. Sampson

Vancouver, B.C.
18 December 1987

Chris J. Sampson, P.Eng.
Consulting Geologist

SAMPSON ENGINEERING INC.
2696 West 11th Avenue
Vancouver, B.C. V6K 2L6

REFERENCES

1937 Annual Report, B.C.D.M., Goldbelt (Dauntless), p. F6-8.

1937 Annual Report, B.C.D.M., Golden Sidewalk (Peerless Property) 00. F11-F12.

Geological Survey Memoir, 213 «Geology and Mineral Deposits of Bridge River Mining Camp, B.C.», C.E. Cairnes.

1943 Geological Survey of Canada, Paper 43-15, «Geology and Mineral Deposits of the Tyaughton Lake map area, B.C.», C.E. Cairnes.

1964 Report to Paul Polischuk, Goldbelt (Dauntless Property), Sherwin Kelly.

1965 Geological Report on the Pond Group of Claims (Goldbelt - Dauntless) for San Doh Mines, Jos Sullivan.

1973 Paper 73-17 Geological Survey of Canada, «Pemberton East-Half Map Area», J.A. Roddick and W.W. Hutchinson.

Report to Rainbow Lake Explorations on the Au Group of Mineral Claims (Goldbelt, Dauntless Property), Sherwin Kelly.

1975 Geology Exploration & Mining, B.C.D.M., p. E108 (Dauntless-Goldbelt Property).

p. E110 (Peerless-Golden Sidewalk Property).

1983 Report on Golden Sidewalk, Goldbelt and Alpha Claims, J.P. Elwell.

Report on the Sampling of the Peerless Underground Workings, Golden Sidewalk Property, Richard J. Mazur.

Report on Sampling and Diamond Drilling, Goldbelt, Alpha Extension and Golden Sidewalk Claims for Warstar Resources, October 1983 by Chris J. Sampson.

1984 Report on geological mapping and trenching Golden Sidewalk claim by Chris J. Sampson, December 1984.

1985 (July) Report on a trenching programme Golden Sidewalk Claim for Warstar Resources by Chris J. Sampson.

(October) Report on diamond drilling Golden Sidewalk claim for Warstar Resources by Chris J. Sampson.

CERTIFICATE

I, Christoper J. Sampson, of 2696 West 11th Avenue, Vancouver, B.C. V6K 2L6, hereby certify that:

1. I am a graduate (1966) of the Royal School of Mines, London University, England with a Bachelor of Science degree (Honours) in Economic Geology.

2. I have practiced my profession of mining exploration for the past 21 years in Canada, Europe, United States and Central America. For the past 12 years I have been based in British Columbia.

3. I am a consulting geologist. I am a registered member in good standing of the Association of Professional Engineers of British Columbia.

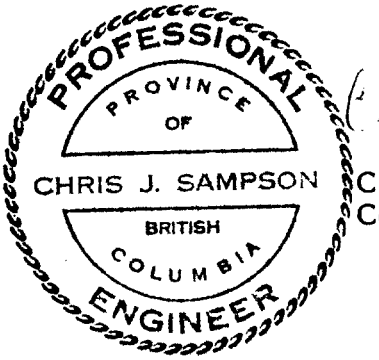
4. I have written reports in 1983 and 1985 on previous work on the Golden Sidewalk, Alpha and Goldbelt properties. I have also co-authored a report in 1984 work programs on the Oro property which adjoins the Golden Sidewalk on its northern side.

5. The present report is based on knowledge gained from visits made to the property in October 1983, fall 1984, and spring 1985, supervision of work programmes in 1983, 1985 and 1987, and study of published reports and data from Manhattan Mineral Corporation files.

6. I have not received, nor do I expect to receive any interest, direct or indirect, in the properties or securities of Manhattan Mineral Corporation or in those of its associated companies.

7. Manhattan Mineral Corporation and its affiliates are hereby authorized to use this report in, or in conjunction withy, any prospectus of statement of material facts.

8. I have no interest in any other property or company holding property within 10 kilometres of the Golden Sidewalk, Alpha, Goldbelt group of claims.



Christopher J. Sampson, P.Eng.
Consulting Geologist

Vancouver, B. C.
18 December 1987

COST STATEMENT FOR ASSESMENT PURPOSES.

REVERSE CIRCULATION ROTARY DRILLING:

S.D.S. DRILLING LTD. - VANCOUVER B.C.

22 holes, 2226.5m (7305 ft)
at $40/m. $ 90,000

APPENDIX A

1985 Diamond Drilling: Drill Logs

Company: [illegible] RESOURCES

Property: GOLDEN SIDEWALK

Claim:

Lat:

Long:

DIAMOND DRILL LOG

HOLE #: 85-1

LOCATION ALPHA ZONE. BEARING 000 LATITUDE CORE SIZE BQ LOGGED BY BRIAN GAME.

DATE COLLARED 4 SEPT 85 LENGTH 60.96 m. DEPARTURE SCALE OF LOG DATE 6 SEPT 85.

DATE COMPLETED 5 SEPT 85. DIP 50° ELEVATION REMARKS M+B DRILLING.

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 4.88 OVERBURDEN	5m.			4.88-5.88 (17953)	0.005	0.01		
4.88 - 24.70 GREENSTONG (slightly altered) original green volcanic (and) some qtz veining, some marmorite. Silicified in some sections with py. in blebs and stringers.	10 m	4.88-8.23m rusty with orange brown weathering, some qtz. veining		5.88-6.88 (17954)	0.001	0.01		
				6.88-7.88 (17955)	0.001	0.01		
				7.88-8.88 (17956)	0.001	0.01		
				8.88-9.88 (17957)	0.001	0.01		
				9.88-10.88 (17958)	0.003	0.01		
	15m			10.88-11.88 (17959)	0.003	0.01		
				11.88-12.88 (17960)	0.001	0.01		
				12.88-13.88 (17961)	0.006	0.01		
				13.88-14.88 (17962)	0.001	0.01		
				14.88-15.88 (17963)	0.002	0.01		
	20m.			15.88-16.88 (17964)	0.002	0.01		
				16.88-17.88 (17965)	0.001	0.01		
				17.88-18.88 (17966)	0.005	0.01		
				18.88-19.88 (17967)	0.001	0.01		
				19.88-20.88 (17968)	0.001	0.01		
	25m			20.88-21.88 (17969)	0.001	0.01		
				21.88-22.88 (17970)	0.006	0.01		
				22.88-23.88 (17971)	0.001	0.01		
				23.88-24.88 (17972)	0.001	0.01		
				24.88-25.88 (17973)	0.007	1.58		
24.70 - 40.55 GREENSTONE (very altered, original green volcanic, some argillite fragments. Stringers and blebs.	30	25.3 Fault gouge 2.5 cm. 27.13-27.46 qtz vein barren.		25.88-26.88 (17974)	0.002	0.01		
				26.88-27.88 (17975)	0.003	0.01		
				[illegible] (17976)	0.001	0.01		
				[illegible] (17977)	0.001	0.01		

Company: WARSTAR RESOURCES
Property: GOLDEN SIDEWALK

Diamond Drill Log

Hole # 85-1

Sheet 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %	
		35m				29.88-30.88 (17978)	0.001	0.01			
						30.88-31.88 (17979)	0.001	0.01			
						31.88-32.88 (17980)	0.001	0.05			
						32.88-33.88 (17981)	0.040	0.13			
						33.88-34.88 (17982)	0.001	0.01			
		40m				34.88-35.88 (17983)	0.004	0.01			
						35.88-36.88 (17984)	0.006	0.01			
						36.88-37.88 (17985)	0.017	0.01			
						37.88-38.88 (17986)	0.001	0.01			
						38.88-39.88 (17987)	0.001	0.01			
40.55-44.51 GREENSTONE / ARGILLITE TRANSITION ZONE. (alternating greenstone, argillite with disseminated py in blebs and stringers)		45m		41.16, 41.82 graphite on sheared surfaces		39.88-40.88 (17988)	0.001	0.01			
						40.88-41.88 (17989)	0.001	0.01			
						41.88-42.88 (17990)	0.001	0.01			
						42.88-43.88 (17991)	0.001	0.01			
						43.88-44.88 (17992)	0.002	0.01			
44.51-60.36 ARGILLITE TO CHERTY ARGILLITE. Some chert fragments, minor silicification. Appreciable pyrite in blebs and stringers		50m		47.56 chert breccia.		44.88-45.88 (17993)	0.002	0.01			
						45.88-46.38 (17994)	0.001	0.01			
						46.88-47.88 (17995)	0.008	0.01			
						47.88-48.88 (17996)	0.006	0.01			
						48.88-49.88 (17997)	0.012	0.01			
ALPHA ZONE →		55m		7cm wide mineralized zone with bands (1-2 cms) arsenopy, 40° C/A. 51.18-51.68 disseminated and stringers of py (12-15%) fine disseminated arsenopy (8-10%)		49.88-50.38 (17998)	0.002	0.01			As
						50.38-51.11 (17999)	0.028	0.01			
						51.11-51.18 (17952)	0.747	0.51	0.07	0.01	22.8
						51.18-51.68 (18000)	0.10	0.12			
						51.68-52.18 (17951)	0.015	0.01			
						52.18-53.18 (17871)	0.016	0.01			
		60m				53.18-54.12 (17872)	0.004	0.01			
						54.12-55.18 (17873)	0.005	0.01			
						55.18-56.18 (17874)	0.024	0.01			
						56.18-57.18 (17875)	0.036	0.01			
						57.18-58.18 (17876)	0.010	0.01			
						58.18-59.18 (17877)	0.017	0.01			
		–		END OF HOLE.		59.18-60.18 (17878)	0.005	0.01			
						60.18-60.96 (17879)	0.009	0.01			

Company: WINSTAR RESOURCES	NTS:
Property: GOLDEN SIDEWALK	Lat:
Claim:	Long:

DIAMOND DRILL LOG

HOLE #: 85-2

LOCATION ALPHA ZONE | BEARING 005 | LATITUDE | CORE SIZE BQ | LOGGED BY BRIAN GAITE

DATE COLLARED 5 SEPT 85 | LENGTH 58.84 m | DEPARTURE | SCALE OF LOG | DATE 8 SEPT 1985

DATE COMPLETED 7 SEPT 85 | DIP 50° | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-9.45 OVERBURDEN	5m							
	10m.							
9.45-26.22 GREENSTONE. (strongly altered volcanic) minor fine grained pyrite some marcasite., variable silicification	15m							
	20m	15.24 chloritic alteration 18.0-18.3 some very minor fine grained disseminated py (<1%)						
	25m	24.68-24.84 fault gouge.						
26.22-58.84 CHERTY ARGILLITE black, argillite with chert fragments		disseminated and stringers of fine grained py (~3%) 26.22 graphitic contact		24.99-25.99 (17880)	0.017	0.24		
				25.0-27.0 (17881)	0.001	0.02		
				27.0-28.0 (17882)	0.006	0.01		
				28.0-29.0 (17883)	0.016	0.06		
				29.0-30.0 (17884)	0.012	0.06		

Company: WARSTAR RESOURCES
Property: GOLDEN SIDEWALK.

Diamond Drill Log

Hole # 85-2

Sheet 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
	35m	30-32 stringers and blebs of med. grained py (8-10%) graphite along sheared surfaces.		30.0-31.0 (17885)	0.012	0.09		
				31.0-32.0 (17886)	0.066	0.13		
				32.0-33.0 (17887)	0.010	0.07		
				33.0-34.0 (17888)	0.006	0.06		
				34.0-35.0 (17889)	0.018	0.05		
ALPHA ZONE →	40m	35-36.59 Argillite with some chert pebbles 36.0-36.59 stringers and disseminations of fine grained py (5-7%) minor qvs, graphite throughout 37.2-37.86 chert breccia 38.19 chert breccia 39.63-41.16 heavy silicification		35.0-36.0 (17890)	0.122	0.12		
				36.0-37.0 (17891)	0.020	0.10		
				37.0-38.0 (17892)	0.005	0.01		
				38.0-39.0 (17893)	0.006	0.04		
				39.0-40.0 (17894)	0.011	0.05		
	45m	42.5-42.7 disseminations and blebs of py locally massive (10-12%) variable graphite throughout minor arsenopy? (<10%)		40.0-41.0 (17895)	0.011	0.03		
				41.0-42.0 (17896)	0.028	0.12		
				42.0-43.0 (17897)	0.012	0.48		
				43.0-44.0 (17898)	0.011	0.18		
				44.0-45.0 (17899)	0.005	0.12		
	50m			45.0-46.0 (17900)	0.012	0.06		
				46.0-47.0 (17871)	0.006	0.12		
				47.0-48.0 (17872)	0.006	0.11		
				48.0-49.0 (17873)	0.001	0.06		
				49.0-50.0 (17874)	0.005	0.06		
	55m			50.0-51.0 (17875)	0.002	0.05		
				51.0-52.0 (17876)	0.007	0.12		
				52.0-53.0 (17877)	0.006	0.06		
				53.0-54.0 (17878)	0.006	0.02		
				54.0-55.0 (17879)	0.001	0.01		
	60m	END OF HOLE.		57.0-58.0 (17852)	0.004	0.01		
				58.0-58.91 (17853)	0.001	0.01		

Company: NORSTAR RESOURCES	NTS:	DIAMOND DRILL LOG	1 of 2
Property: GOLDEN SIDEWALK.	Lat:	HOLE #: 85-3.	
Claim:	Long:		

LOCATION ALPHA ZONE. BEARING 000 LATITUDE _____ CORE SIZE BQ LOGGED BY CHRIS SAMPSON

DATE COLLARED 8 SEPT 85 LENGTH 60.96 m. DEPARTURE _____ SCALE OF LOG _____ DATE 9 SEPT 85.

DATE COMPLETED 9 SEPT 85 DIP -50° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 5.79 OVERBURDEN		5m								
5.79 - 22.0 GREENSTONE - (altered, massive green volcanic) silicified in part, some dissem. py		10m								
		15m		12.3 3cm qtz vein.						
		20m								
ALPHA ZONE 22.0 - 60.96 ARGILLITE / CHERTY ARGILLITE massive black argillite, with cherty beds. Some dissem. py in blebs and stringers.		25m		disseminations of med. grained py. (2-3%) massive pyrite, hematite, galena, sphalerite minor dissem fg pyrite (2-3%) some qtz veinlets much graphite.		21.0-22.0 (17952) 22.0-22.3 (17953) 22.3-23.0 (17954) 23.0-24.0 (17955) 24.0-25.0 (17956)	0.006 0.063 0.01 0.003 0.001	0.05 4.67 0.06 0.01 0.01		
		30m				25.0-26.0 (17957) 26.0-27.0 (17958) 27.0-28.0 (17959) 28.0-29.0 (17960)	0.012 0.055 0.007 0.006	0.03 0.05 0.01 0.01		

Company: WARSTAR RESOURCES
Property: GOLDEN SIDEWALK

Diamond Drill Log

Hole #85-3

Sheet 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
		35m		30-35 disseminations, veinlets and stringers of pyrite.		30.0-31.0 (17962)	0.011	0.18		
						31.0-32.0 (17963)	0.013	0.12		
						32.0-33.0 (17964)	0.048	0.07		
						33.0-34.0 (17965)	0.009	0.06		
		40m				39.0-40.0 (17966)	0.001	0.06		
		45m		43-45 minor disseminated pyr. (1%) graphite throughout some manganese		43.0-44.0 (17967)	0.001	0.07		
						44.0-45.0 (17968)	0.001	0.05		
		50m		47.0-48.8 pyrite as disseminations and blebs (3-5%) graphite on sheared surfaces		47.0-48.0 (17969)	0.001	0.06		
						48.0-49.0 (17970)	0.001	0.06		
				48.8-60.96 pleogranite with 1mm occ. stringers with fg. py.						
		55m		51.02-52.02 cherty with more abundant 1mm stringers with fine py.		51.02-52.02 (33201)	0.006	0.16		
		60m								
				END OF HOLE						

Company: WARRIOR RESOURCES	TS:	DIAMOND DRILL LOG	1
Property: GOLDEN SIDEWALK	Lat:	HOLE #: 85-4	of 2.
Claim:	Long:		

LOCATION ALPHA ZONE. BEARING 005 LATITUDE _____ CORE SIZE BQ LOGGED BY CHRIS SAMPSON

DATE COLLARED 10 SEPT 85 LENGTH 106.67 DEPARTURE _____ SCALE OF LOG _____ DATE 11 SEPT 85

DATE COMPLETED 11 SEPT 85. DIP 50° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 3.93 OVERBURDEN								
3.93 - 20.12 GREENSTONE	5m							
massive, fine grained green occ 1-5mm qtz. calc vein at irreg. angles to C/A some py. rusty	10m							
	15m	11.38-11.43 irreg chert band 50° C/A 18.89 1cm qv. vuggy 50° C/A.						
	20m							
20.12 - 80.66 ALTERED GREENSTONE Dark green, ultramafic heavily serpentinized with occ. 1mm asbestos veinlets.	25m							
	30m	29.98 2cm qv 30° C/A. 30.99 1cm qv 2° C/A						

Company: WARSTAR.
Property: GOLDEN SIDEWALK

Diamond Drill Log

Hole #85-4.

Sheet 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
ALTERED GREENSTONE	35	30.58 – 56.08. ultra basic section heavily serpentinized, much talc occ. 2mm vein with asbestos 31.03 1cm qv @ 45° C/A.						
	40							
	45	41.65 – 41.97 qtz veining @ 20° C/A some red hematization						
	50	47.35 1cm qv @ 45° C/A.						
	55	51.49 2cm qv @ 50° C/A.						
	60	56.08 – 80.66. Intensely altered zone. many irreg qvs (1m – 2cms) at varying L's to C/A. Abundant magnetite						
		Some red hematite stain.. 60.3 contact (flow ?) 10° C/A.						

Company:
Property:

Diamond Drill Log

Hole # 85-4

Sheet

ROCK TYPES AND ALTERATION	GRAPHIC LOG (Rock type / Alteration / Footage / Structure)	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
ALTERED GREENSTONE	70	66.38 1cm clear qv @ 40° C/A						
	75	72.05 – 72.15 minor blebs and stringers of py (1-2mm)						
	80							
80.66 – 106.67 ARGILLITE massive black with cherty sections. Sheared, graphitic	85	80.66. contact (irreg) 81.18 – 82.18 py blebs and stringers in cherty argillite		81.18 – 82.18 33202.	0.003	0.01		
Some blebs and stringers of py.	90	85.64 – 86.64 " " " 86.64 – 87.64.		85.64 – 86.64 33203. 86.64 – 87.64 33204	0.005 0.001	0.01 0.01		
	95	93.47 – 93.57 Slickensiding graphite on fractures @ 45° C/A. prob. fault.						
		98.64 – 98.75 1mm qtz calc veins [illegible]		98.45 – 98.85. (33206)	0.001	0.01		

Company:
Property:

Diamond Drill Log

Hole # 85-11

Sheet 1

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
	105	99.88 - 100.88. dissem + fracture filling sulphide (py) in cherty section. 103.74 - 104.74 dissem py in cherty section minor arsenopy, gal. and hem.		99.88 - 100.88 33205. 103.74 - 104.74 33207	0.004 0.009	0.01 0.01		
	106.67 110	105.91 - 106.67. much diss py. fg grey sulph. END OF HOLE		105.91 - 106.67 33208.	0.007	0.01		
	115							
	120							

Company: NAR..AR.
Property: GOLDEN SIDEWALK
Claim:
..TS:
Lat:
Long:

DIAMOND DRILL LOG

HOLE #: 85-5

LOCATION ALPHA ZONE
DATE COLLARED 15 SEPT 85
DATE COMPLETED 17 SEPT 85.
BEARING 000
LENGTH 60.96 m
DIP -50°
LATITUDE
DEPARTURE
ELEVATION
CORE SIZE BQ
SCALE OF LOG
REMARKS
LOGGED BY C. SAMPSON
DATE 17 SEPT 85.

ROCK TYPES AND ALTERATION	GRAPHIC LOG (FOOTAGE)	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 6.1 OVERBURDEN	5 m							
6.1 - 17.81 CHERTY ARGILLITE Sheared black argillite with cherty section. Some py blebs	10 m 15m							
17.81 - 28.46. ALTERED GREENSTONE pale green, massive, fine grained silicified in part. Irreg. qtz calcite veins (1-3cms)	20m 25m	17.81 contact @ 30° C/A. 17.83-19.00 blebs (1-3cm) stringers (1-2mm) py 20.13-20.14 3cm blebs py 21.86-21.87 blebs py. 24.1-25.0 blebs of py (1-3 cm) occ. 2mm qtz calc vein.		17.83 - 18.83 (33209) 18.83 - 19.83 (33210) 21.86 - 21.96 (33212). 24.14 - 24.54 (33211) 28.46 - 29.46 (33213)	0.005 0.005 0.013 0.007 0.002	0.05 0.01 0.01 0.01 0.02		
28.46 - 60.96. CHERTY ARGILLITE	30							

Company: Bolero Mines Ltd
Property:

Claim Dr...
g

Hole # 85-5

Sheet .

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
Alternating argillite and cherty sections. Blebs of py, po.				28.46-29.5. cherty section with py blebs.						
		35m		32.89 1-2cm py, po bleb.						
				37.59-38.59. 1-3cm blebs py+po in cherty section		37.59-38.59 (33214)	0.001	0.01		
				38.84-39.84. " " "		38.84-39.84 (33215)	0.001	0.01		
		40m		39.84-42.94 argillite section						
				with py blebs and 2mm stringers		40.44-41.44 (33216)	0.007	0.06		
		45m				41.94-42.94 (33217)	0.012	0.06		
				48.04-48.49 pass qtz. irreg contacts		43.81-44.89 (33218)	0.003	0.04		
		50m		48.64-56.21 chert section occ argill py band 1-3 cms. 40-50% py.						
		55m								
				56.21 end argillite section some py.						
		60m								
				END OF HOLE						

Company: [illegible] RE[illegible]	[illegible]IS:
Property: GOLDEN SIDEWALK	Lat:
Claim:	Long:

DIA[illegible]ND [illegible]RILL LOG

HOLE #: 85-6

LOCATION BETA ZONE
DATE COLLARED 17 SEPT 85.
DATE COMPLETED 18 SEPT 85

BEARING 135°
LENGTH 60.96 m.
DIP -60°.

LATITUDE
DEPARTURE
ELEVATION

CORE SIZE
SCALE OF LOG
REMARKS

LOGGED BY CHRIS SAMPSON
DATE 18 SEPT 85.

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 2.65. OVERBURDEN										
2.65 - 35.36 ALTERED		5m		very minor disseminations of pyrite (< 1%)						
GREENSTONE Altered m. green fine grained volcanic.		10 m.								
- Rusty weathering 2.65 - 15m. - variable mariposite 2.65 - 15.0m		15m								
		20 m		15 — 28.5 Intensely serpentinised and altered, talc etc. many 1mm - 1cm calc qtz veins at various ∠'s C/A.						
		25m								

Company: NARSTAR RESOURCES
Property:

Diamond Drill Log

Hole #85-6

Sheet 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG (Rock type / Alteration, Footage, Structure)	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
	35m							
35.36 — 39.40m SILICIFIED ZONE. heavy silicification, some 1-10mm qtz veins at various L's to CA.	40	35.2 - 35.5, 35.9 - 36.0 } Shearing, slickensiding graphite, fault zone		35.2-36.2 (33219)	0.001	0.01		
				36.2-37.0 (33220)	0.001	0.01		
occ. 1mm specks cpy, aspy in pinkish coloured veinlets		38.90 - 39.0 - graphite, slickensiding		37.0-38.0 (33221)	0.001	0.01		
		39.0 - 40.0 - graphite, slickensiding - qtz veining (pinkish); 3cm width. v occ speck galena arsenopy.		38.0-39.0 (33222)	0.001	0.01		
39.50 — 52.80m ARGILLITE.	45	39.4 - 39.5 - shearing		39.0-40.0 (33223)	0.001	0.05		
Some slightly altered greenstone - minor silicification	50	45.70 - qtz vein, minor pyrite. 44.80 - 44.85 - fault gouge						
52.90 — 58.90 Argillite; some chert fragments, graphite. · some silicification	55	51.1 - 51.3 - very altered, shearing, talc. minor disseminated pyrite (<1%) very minor disseminations of pyrite, graphite on sheared surfaces.						
58.90 - 60.96 MINERALIZED ZONE → Altered Greenstone · silicification	60	Stringers and [illegible], [illegible] pyrite ([illegible]%), [illegible] qtz veinlets (1-5mm).		(33224)	0.006	0.01		
		Same as above qtz veinlets (1-10mm)		(33225)	0.010	0.01		
		59.0 - 59.20 mineralized [illegible], pyrite and sph.		(33226)	0.049	0.18		
		59.20 - [illegible] - silicification [illegible]		(33227)	0.001	0.01		
		END OF HOLE						

Company: [illegible]	UTS:
Property: Golden Sidewalk	Lat:
Claim:	Long:

DIAMOND DRILL LOG

HOLE #: [illegible]-7

C-111

LOCATION BETA ZONE | BEARING 135° | LATITUDE | CORE SIZE BQ | LOGGED BY [illegible]

DATE COLLARED 18/Sept 85 | LENGTH 60.96m | DEPARTURE | SCALE OF LOG | DATE 19 Sept /85

DATE COMPLETED 19 SEPT 85 | DIP -60° | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 1.52m OVERBURDEN										
1.52 - 33.25 ALTERED GREENSTONE		5m		- very minor disseminated pyrite (< 1%)						
massive green volcanic Silicified in part. - Rusty weathering - minor Argillite (9m)		10m		- stringers and disseminations of pyrite (1-2%).						
14.5 - 14.7m - Argillite		15m		14.5 - 14.7 - argillite graphite (13m)						
18.35 - 18.47 Fault gouge		20m		very minor mariposite						
		25m		minor disseminated pyrite.						

Company: WARRIOR RES
Property: Golden Silverside

Diamond Drill Log

Hole # 85-7

Sheet

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
29.26 – 32.0 m - slightly serpentinized Greenstone										
33.25 – 60.96 ARGILLITE		35		minor qtz veining, (1–5mm width), graphite.						
- minor chert fragments										
37.19 – 46.65 - Zone of intense serpentinization.		40		many qtz and calcite veinlets at variable angles to C.A.						
		45								
46.65 – 50.65 Argillite with chert fragments		50		46.60 – 46.65 → 5 cm cal. vein ~ ⊥ to C.A. graphite, very minor disseminated pyrite						
50.65 – 51.18 – Altered Greenstone				minor dissem. and sheared pyrite. 1cm band at PD. ~~Sph~~ Sph. and gn at 51.20m.		51–52m (33228)	0.001	0.10		
51.18 – 60.96m Argillite						52–53m (33229)	0.001	0.01		
- Silicification				dissem. and sheared pyrite, dissem. asp., qtz veinlets.		53–54m (33230)	0.001	0.01		
- Some chert fragments		55		dissem. and sheared pyrite, dissem. asp, talc		54–55m (33231)	0.001	0.01		
				same as above, qtz veinlets (1–5mm)		55–56m (33232)	0.052	0.07		
				dissem and sheared pyrite, graphite on sheared surfaces		56–57m (33233)	0.001	0.01		
				same as above		57–58m (33234)	0.016	0.06		
- silicification		60		dissem. and sheared pyrite, graphite		58–59m (33235)	0.001	0.01		
				same as above.						
				END OF HOLE						

Company: WHISTAK RESOURCES | NTS:
Property: Golden Sidewalk | Lat:
Claim: | Long:

DIAMOND DRILL LOG

HOLE #: 85-8

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE BQ LOGGED BY BRIAN GAME

DATE COLLARED Sept 20/85 LENGTH 60.96m DEPARTURE _____ SCALE OF LOG _____ DATE Sept 21/85

DATE COMPLETED Sept 21/85 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 3.03m Overburden								
3.03m - 13.26m ALTERED GREENSTONE fine-grained volcanic	5m	- qtz and calcite veinlets at various angles to C.A.						
- Rusty weathering	10m	- minor mariposite - very minor 'blebs' of pyrite (1mm-10mm)						
13.26 - 18.28m ARGILLITE	15m	shearing 13.26 - 13.50m						
18.28m - 45.85 ALTERED GREENSTONE	20m							
- some rusty weathering	25m	- qtz and calcite veinlets at various angles to C.A						
		26.62 - 26.70 fault gouge - mariposite and ... pyrite						

Company: WARATAH RESOURCES
Property: Golden Sidewalk

Diamond drill Log

Hole # 85-8

Sheet . 2

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
Altered Greenstone.		35m		31.60 - 31.80 qtz vein (4cm) // to C.A. 32.70- intensely serpentinized and altered. many 1-3mm qtz and calcite veinlets, at various angles to C.A.						
		40m								
		45m		41.66 3cm qv @ 45° C/A.						
45.85 - 60.96 ARGILLITE. (altered in part)		50m		45.85 Sheared Talcose contact @ 60° C/A. 45.85 - 56.99 many 1mm - 3cm qtz veins at various L's to C/A. some silicification of argillite (prob equiv of mineral zone in 85-6, 7)						
		55m		52.37 - 52.67 } altered greenstone 52.97 - 53.47 } irreg contacts to C/A. 55.20 - 55.40 }						
		60m								
		60.96		END OF HOLE						

1 Foot = 0.3048 metres

APPENDIX B

1987 Rotary Drilling: Drill Logs

Brian Game - Geologist - 1985 B. Sc. University of British Columbia

Ken Embree - Geologist B. Sc. University of Saskatchewan

Property: Golden Sidewalk	Lat:	HOLE #: 87-1	Pg 1	c.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE Rotary (5½") LOGGED BY Brian Game

FILE COLLARED Oct 29 '87 LENGTH (250') DEPARTURE _____ SCALE OF LOG _____ DATE Oct 30 '87

DATE COMPLETED Oct 29 '87 DIP 060° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG (ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE)	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~ozs/ton~~ ppb	Ag ozs/ton ppm	Pb %	Zn %
0-10' Casing 10'-20' No return 20'-110' Greenstone - relatively unaltered. - occassional cherty sections. - occassional disseminated fine-grained pyrite in chert fragments.	0, 5, 10, 15, 20, 25, 50							
- occassional fragments of clear white qtz. (1-2%) - at 100', greenstone becomes slightly serpentinized.	75							
110'- Serpentinized greenstone. - altered greenstone - numerous, "soapy" fragments - occassional qtz fragments.	100							
- numerous qtz fragments from 120-125'	125			93801 120-125'				

Property: Golden Sidewalk	Lat:	HOLE #: 87-1	Pg 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au 0.25/ton ppb	Ag 0.25/ton ppm	Pb %	Zn %
- asbestos fibres at 125' - at 140', numerous calcite fragments. - numerous white qtz frags.		150								
- at 215' and 220' and 225' - this unit remains very uniform to 250'		175								
		200								
		225				93802 215-220' 93803 220-225'				
		250				93804 225-230'				
				END OF HOLE 250'						

Property: Golden Sidewalk	Lat:
Claim:	Long:

HOLE #: 87-2 | Pg 1 | Ck

LOCATION | BEARING 360° | LATITUDE | CORE SIZE Rotary (5½") | LOGGED BY Brian Game

DATE COLLARED Oct 29/87 | LENGTH 300' | DEPARTURE | SCALE OF LOG | DATE Oct 30/87

DATE COMPLETED Oct 29/87 | DIP 060° | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/ton~~ ppb	Ag ~~oz/ton~~ ppm	Pb %	Zn %
0 - 10' - Casing 10 - 25' - No return	0 25							
25 - 75' Greenstone - very rusted and weathered from 25-30' - occassional fragments of chert.	50							
- very minor fragments of clear white qtz. - greenstone is very slightly serpentinized at 35'	75							
- becomes much more serpentinized at 45'. 75 - 175' Serpentinized rock - Serpentinized greenstone	100			93805 90-95' 93806 95-100'	5 10	0.5 0.6		
- asbestos-like fragments - occassional fragments of clear white qtz. - considerable red-brown	125							

Property: Golden Sidewalk	Lat:	HOLE #: 87-2	Pg 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/~~ton~~ ppb	Ag ozs/~~ton~~ ppm	Pb %	Zn %
Jasper at 80'. - Some qtz and mariposite at 90-95' - minor jasper and mariposite at 95-100'	150							
- Slightly elevated qtz content at 110' - Starts to become much more siliceous, ie: greater				93807 155-160'	10	0.5		
				93808 160-165'	5	0.5		
				93809 165-170'	100	2.3		
	175			93810 170-175'	5	0.5		
qtz content at 150' - minor alteration at 155' 175-275' Listwanite Alteration Zone - grey white rock chips				93811 175-180'	5	0.5		
				93812 180-185	165	1.8		
				93813 185-190	10	0.5		
				93814 190-195'	70	0.8		
	200			93815 195-200'	5	0.5		
with swirling areas of white qtz and green mariposite. - Disseminated med-grained pyrite throughout.				93816 200-205'	25	1.07		
				93817 205-210'	5	.05		
				93818 210-215'	15	.05		
				93819 215-220'	185	.8		
	225			93820 220-225'	60	.07		
- considerable qtz from 200-205', probable veining. - elevated sulphide (pyrite) content from 220-240'				93821 225-230'	210	.08		
				93822 230-235'	30	.05		
				93823 235-240'	10	.05		
				93824 240-245'	160	.08		
	250			93825 245-250'	120	.05		

Property: Golden Sidewalk	Lat:	HOLE #: 87-2	Pg 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/t~~ ppb	Ag ~~oz/ton~~ ppm	Pb %	Zn %
- increased qtz content from 230-235' indicates qtz veining - elevated qtz content from 250-255' indicates possible qtz veining. - occassional fragments of unaltered black argillite at 265'.		275				93826 250-255'	70	.07		
						93827 255-260'	110	1.3		
						93828 260-265'	90	1.1		
						93829 265-270'	185	1.3		
						93830 270-275'	75	1.1		
275-300' Slightly altered black argillite		300				93831 275-280'	180	7.2		
						93832 280-285'	45	1.8		
						93833 285-290	15	0.7		
						93834 290-295	10	1.3		
						93835 295-300'	5	1.3		
- black argillite with frags. of grey-white siliceous rock. Minor mariposite and disseminated pyrite. - occassional grey chert fragments from 290-300'				END OF HOLE 300'						

Property: Golden Sidewalk	Lat:	HOLE #: 87-3	Pg 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE Rotary (5½") LOGGED BY Brian Game

DATE COLLARED Oct 31 '87 LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE Nov 1/87

DATE COMPLETED Oct 31 '87 DIP 060° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/~~ton~~ ppb	Ag ~~ozs~~/~~ton~~ ppm	Pb ~~%~~ ppm	Zn ~~%~~ ppm
0-10' Casing		0								
10-25' No return										
25-55 Altered Rock		25								
- some listwanite alteration present. Qtz - mariposite in a grey-white rock.						93836 25-30'	10	1.2		
						93837 30-35'	10	1.0		
						93838 35-40'	10	0.8		
- Is very rusty and oxidized						93839 40-45'	30	0.7		
from 25-50' with some		50				93840 45-50'	5	0.9		
chert and clear white qtz fragments.						93841 50-55'	5	0.7		
						93842 55-60'	5	0.9		
- at 50'; country rock is no longer oxidized. At this point,						93843 60-65'	5	0.8		
						93844 65-70'	5	0.7		
there is equal parts serp-		75				93845 70-75'	10	0.9		
entinized. greenstone, and						93846 75-80'	5	0.7		
listwanite altered fragments.						93847 80-85'	10	0.8		
						93848 85-90'	10	0.7		
55-85 Serpentinized rock						93849 90-95'	10	0.9		
- dark green, serpentinized		100				93850 95-100'	5	0.8		
greenstone.						93851 100-105'	5	0.8		
- occassional fragments of						93852 105-110'	5	0.7		
red-brown jasper and clear						93853 110-115'	5	0.9		
white qtz						93854 115-120'	10	0.9		
- very occassional altered		125				93855 120-125'	10	0.8		
fragment (siliceous, mariposite)										

Property: Golden Sidewalk | Lat:
Claim: | Long:

HOLE #: 87-3 | Pg 2 | C.A.

LOCATION | BEARING | LATITUDE | CORE SIZE | LOGGED BY
DATE COLLARED | LENGTH | DEPARTURE | SCALE OF LOG | DATE
DATE COMPLETED | DIP | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/ton~~ PPB	Ag ~~oz/ton~~ ppm	Pb %	Zn %
85-130' Listwanite altered rock. - grey-white rock chips with swirling white qtz and green mariposite - disseminated fine to med-grained pyrite.		150				93856 125-130'	415	1.0		
						93857 130-135'	120	1.6		
						93858 135-140'	125	1.3		
						93859 140-145'	205	1.2		
						93860 145-150'	1500	4.8		
130- Altered black argillite. - black argillite with considerable - fragments of very siliceous grey		175				93861 150-155'	210	2.3		
						93862 155-160'	155	1.2		
						93863 160-165'	55	1.1		
						93864 165-170'	40	1.4		
						93865 170-175'	30	1.1		
rock, chert and clear white qtz. - Very pyritic. Disseminations and 'blebs' of fine to med-grained pyrite occurs		200		Very pyritic		93866 175-180'	60	0.8		
						93867 180-185'	140	1.3		
						93868 185-190'	250	2.3		
						93869 190-195'	375	4.1		
						93870 195-200'	320	3.3		
within argillite, altered fragments, and qtz. - Elevated qtz and sulphide content from 145-150' and		225		"		93871 200-205'	165	0.4		
						93872 205-210'	295	0.9		
						93873 210-215'	415	1.5		
						93874 215-220'	260	1.2		
						93875 220-225'	250	1.1		
from 165-170' (veining) - Probable veining from 180-185' (increase in qtz frags).		250		"		93876 225-230'	80	1.5		
						93877 230-235'	85	1.7		
						93878 235-240'	175	0.8		
						93879 240-245'	180	0.3		
						93880 245-250'	60	0.3		

Property: Golden Sidewalk	Lat:	HOLE #: 87-3	Pg 3	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/ton~~ ppb	Ag ~~oz/ton~~ ppm	Pb %	Zn %
- from 195-210', considerable listwanite alteration with qtz and mariposite. - From 225-230', very black, unaltered argillite.	275	Disseminated pyrite.		93881 250-255	180	1.5		
				93882 255-260'	120	1.5		
				93883 260-265'	275	1.8		
				93884 265-270'	240	2.2		
				93885 270-275'	255	4.3		
- From 235-250', considerable listwanite alteration with qtz and mariposite.	300	Disseminated pyrite.		93886 275-280'	190	2.4		
				93887 280-285'	100	2.4		
				93888 285-290'	205	1.8		
				93889 290-295'	110	1.3		
				93890 295-300'	175	1.6		
	325			93891 300-305'	245	1.7		
				93892 305-310'	550	3.8		
				93893 310-315'	390	1.6		
				93894 315-320'	150	1.1		
				93895 320-325'	135	1.8		
	350	END OF HOLE		93896 325-330'	310	3.1		
				93897 330-335'	225	1.0		
				93898 335-340'	115	1.2		
				93899 340-345'	300	1.9		
				93900 345-350'	230	1.5		

Property: Golden Sidewalk	Lat:	HOLE #: 87-4	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE Rotary (5¼") LOGGED BY Kim Emerce

DATE COLLARED Nov 1/87 LENGTH 260 ft DEPARTURE _____ SCALE OF LOG _____ DATE Nov 2/87

DATE COMPLETED Nov 1/87 DIP -060° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE & ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz~~/ ~~ton~~ PPB	Ag ~~oz~~/ ton PPM	Pb %	Zn %
0-20' casing		0								
20'-25' No return										
25'-110' Altered Rock - silicified greenstone - grey white rock containing		25								
minor quartz fragments - very rusty and oxidized from 25' to 40' - at 45'; country rock is no longer oxidized. Here, the greenstone becomes slightly serpentinized		50								
- quartz fragments are minor (<5%) - at 65'; quartz content increases as greenstone becomes more altered - quartz content increasing as rock becomes more altered (silicified) - at 70'; quartz is roughly one half of the sample, altered		75		Minor Pyrite " "		93910 65-70' 93911 70-75'	15 10	0.6 0.4		
gray rock is becoming a lighter color - pyrite occurs as fine grained, disseminated and as tiny veinlets - at 75'; gray altered rock dominates, minor pyrite increasing - there is occasional serpentinite/ serpentinized greenstone fragments - at 95'; siliceous content increasing,		100		" " " Pyrite content increasing		93912 75-80' 93913 80-85' 93914 85-90' 93915 90-95' 93916 95-100'	30 35 20 10 5	0.4 0.6 0.6 0.5 0.7		
as is pyrite content; occasional black cherty argillite fragments - at 100'; the quartz alteration ≈ 30% of sample; quartz is white and clear 110'- Altered Argillite; black argillite with grey chert and white quartz fragments - at 115'; black argillite and cherty argillite		125		Pyrite occurring in small ⅛" diameter blebs of massive, (fine) grained		93917 100-105' 93918 105-110' 93919 110-115' 93920 115-120' 93921 120-125'	60 450 480 135 65	0.7 2.7 7.9 1.1 1.2		
>50%; large clips of grey listwanite altered rock; quite pyritic with disseminations and blebs of fine to medium grained pyrite - at 125'; sample is mostly black altered, [illegible] chert and										

Property: Golden Sidewalk	Lat:	HOLE #: 87-4	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/t~~ ppb	Ag ~~oz/t~~ ppm	Pb %	Zn %
- at 130'; mostly black altered argillite - at 135'; argillite decreasing, gray altered rock > 50% of sample, blebs and dissemination of pyrite, minor quartz fragments - at 150'; black altered argillite increasing (>50%) - at 155'; altered argillite (80%) with gray altered rock and minor quartz fragments		150		Pyrite not as abundant (minor, <5%) Blebs and Dissemination of fine to medium grained pyrite		93922 125-130' 93923 130-135' 93924 135-140' 93925 140-145' 93926 145-150'	50 30 35 40 160	0.9 0.9 0.7 0.9 1.2		
- at 160'; virtually 100% argillite / black cherty argillite, fine grained disseminated pyrite, minor quartz fragments - at 175'; quartz content increasing, as is gray silicous chert, very pyritic - at 180'; grey silicous rock dominates (>50%) - at 190'; argillite/cherty argillite (75%), very pyritic, minor quartz veining		175		Fine grained disseminated pyrite Very Pyritic		93927 150-155' 93928 155-160' 93929 160-165' 93930 165-170' 93931 170-175'	185 2050 330 100 5	1.7 7.3 3.5 2.3 0.5		
- at 205'; black argillite/cherty argillite and altered gray rock = 50% rock, some quartz fragments and veinlets and disseminations and blebs of fine grained pyrite - at 215'; quartz content increasing		200		" " Very Pyritic		93932 175-180' 93933 180-185' 93934 185-190' 93935 190-195' 93936 195-200'	60 165 10 70 5	1.4 1.8 0.5 0.8 0.5		
- at 220'; argillite/cherty argillite close to 100%, minor quartz with 1 fragment of mariposite - at 225'; grey altered rock increasing, pyrite veinlets and disseminated fine grain, very pyritic - at 230'; quartz increasing, argillite decreasing, blebs of fine grained pyrite - at 240', black argillite/cherty argillite virtually gone; light grey altered rock with blebs of fine grained pyrite; occasional jasper fragment		225				93937 200-205' 93938 205-210' 93939 210-215' 93940 215-220' 93941 220-225'	25 5 15 185 60	0.7 0.5 0.5 0.8 0.7		
- at 250' → same, with increasing jasper (5%) - at 255'; back into black altered argillite with grey silicious cherty argillite (75-80%); the rest is grey altered rock and quartz fragments with fine grained blebs of pyrite		250		Fine grained disseminations and pyrite veinlets → Very pyritic		93942 225-230' 93943 230-235' 93944 235-240' 93945 240-245' 93946 245-250'	410 30 410 160 120	0.8 0.5 0.5 0.8 0.8		
		260		END OF HOLE 260'		93947 250-255' 93948 255-260'	70 110	0.7 1.3		

Property: Golden Sidewalk	Lat:	HOLE #: 87-5	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5¼" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 1/87 LENGTH 250' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 3/87

DATE COMPLETED Nov 1/87 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ~~oz/t~~ gm	Ag ~~oz/t~~ gm	Pb %	Zn %
0-20' - casing 20-30' - No return 30-140' Altered Greenstone - silicified, altered grey with quartz fragments and some disseminated pyrite	25							
- rock has been oxidized to 55'; it contains occasional rusty fragment - from 55' on, no more oxidized rock - from 70' to 75' there are numerous rusty quartz fragments (<5%) and occasional weakly serpentinized chips - at 75' there are dissminations and blebs of pyrite up to ¼" diameter; rock	50	Minor Dissminated Pyrite		95901 30-35' 95902 35-40' 95903 40-45' 95904 45-50'	10 130 110 30	.05 .07 .08 .05		
has become more altered → it is greyer and more silicious - Pyrite content continues to increase! - rock stays the same to 135' - at 135', starting to pick up occasional fragment of black, pyritic argillite/cherty argillite and clean, white quartz	75			95905 50-55' 95906 55-60' 95907 60-65' 95908 65-70' 95909 70-75'	20 90 60 180 25	.05 .06 .05 .08 .05		
140'-250' Argillite / Cherty Argillite - black, pyritic - from 140' to 210' black Argillite/Cherty Argillite contains clean white quartz fragments (which indicate veining), grey siliceous chert fragments, and	100	Blebs and dissminations of pyrite		95910 75-80' 95911 80-85' 95912 85-90' 95913 90-95' 95914 95-100'	66 245 160 170 140	.05 .08 .07 .07 .06		
occasional fragments of grey, altered rock (greenstone) - at 140', argillite/cherty argillite, grey altered rock and quartz each form ≈ ⅓ of sample - at 145', argillite/cherty argillite content increases and grey altered rock content decreases	125			95915 100-105' 95916 105-110' 95917 110-115' 95918 115-120' 95919 120-125'	65 155 50 45 65	.09 .09 .09 .09 .08		
- at 150', sample is ≈ 90% argillite/cherty argillite. The rest is white quartz. There is very little grey altered rock. - at 155', grey altered rock is returning - at 160', grey altered rock is ≈ ½ of sample. The rest is argillite/cherty argillite								

Property: Golden Sidewalk	Lat:	HOLE #: 87-5	Page 2	
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
- at 165'; altered grey rock is decreasing and silicious grey chert is increasing - at 175'; argillite/cherty argillite, grey altered rock, grey silicious chert and quartz fragments are each ≈ ¼ of sample - at 180'; grey silicious chert increasing (≈ 60%)	150	Very Pyritic; contains blebs and disseminations of fine to medium grained pyrite		95920 125-130'	35	1.08		
				95921 130-135'	40	1.09		
				96922 135-140'	140	1.6		
				95923 140-145'	2750	8.3		
				95924 145-150'	435	3.0		
- at 185'; black argillite/cherty argillite increasing to ≈ 85% of sample; grey chert disappearing - at 195'; quartz content greatly increased (to ≈ 50%); pyrite not as aburdant - at 200'; grey altered rock dominates (≈ 85%). The rest is argillite/cherty	175	"		95925 150-155'	90	2.4		
		"		95926 155-160'	295	7.0		
		"		95927 160-165'	280	5.7		
		"		95928 165-170'	200	9.0		
		"		95929 170'-175'	105	4.7		
argillite with occasional quartz fragment - at 205'; cherty argillite is dominant fraction (≈ 90%). - from 210' to 250'; black argillite/cherty argillite with occasional minor quartz fragments and minor disseminated pyrite - from 230' to 235'; quartz content slightly increased - otherwise, very uniform to 250'	200	"		95930 175-180'	110	4.5		
		"		95931 180-185'	135	2.5		
		"		95932 185-190'	295	2.9		
		"		95933 190-195'	110	3.2		
		Pyrite decreasing (minor)		95934 195-200'	50	1.8		
	225			95935 200-205'	45	2.1		
				95936 205-210'	50	1.8		
				95937 210-215'	60	1.6		
				95938 215-270'	65	1.8		
				95939 220-225'	75	1.4		
	250	END OF HOLE 250'		95940 225-230'	50	1.5		
				95941 230-235'	40	1.5		
				95942 235-240'	5	1.4		
				95943 240-245'	70	1.5		
				95944 245-250'	340	2.0		

Property: Golden Sidewalk	Lat:	HOLE #: 87-6	Page 1	
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5 1/4" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 2/87 LENGTH 250' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 3/87

DATE COMPLETED Nov 2/87 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing 20-30' No return 30-145' Altered Greenstone - silicified, altered to grey color with quartz fragments and minor disseminated pyrite. Contains	25							
occasional blebs of fine to medium grained pyrite - from 30' to 45'; rock has been oxidized. Contains occasional rusty fragment - from 45' on, the rock has not been oxidized - at 70' the occasional fragment of chert / cherty argillite is found. Also,	50			93057 30-35' 93058 35-40' 93059 40-45' 93060 45-50'	5 5 5 5	.106 .106 .106 .107		
blebs of fine to medium grained pyrite. Also, quartz content is increasing - At 75'; there are more argillite / cherty argillite fragments (maybe 10%). Also, the grey altered rock is darker grey. - From 80' to 95'; there is a zone which contains abundant black	75	Blebs of fine to medium grained pyrite		93061 50-55' 93062 55-60' 93063 60-65' 93064 65-70' 93065 70-75'	5 5 10 140 900	.107 .109 .108 1.2 10.1		
argillite / cherty argillite and clean white quartz. It is also very pyritic. Also, there are fragments of grey, siliceous chert. Some of the quartz has a rusty tinge to it. - At 95'; the black argillite / cherty argillite is disappearing (<5%). The rock is mostly altered greenstone and is a	100	Very Pyritic " " " (large blebs)		93066 75-80' 93067 80-85' 93068 85-90' 93069 90-95' 93070 95-100'	460 120 86 30 130	1.7 2.1 1.5 1.3 1.4		
grey-green color. There are occasional quartz fragments and large blebs (1/2") of pyrite - At 100'; the rock is ≈95% altered greenstone, but is a greener color, not grey. There are quartz fragments and the sample still has pyrite blebs.	125	Very Pyritic "		93071 100-105' 93072 105-110' 93073 110-115' 93074 115-120' 93075 120-125'	20 10 5 5 70	1.3 1.1 1.4 1.2 1.4		
- From 100' to 135' the rock is this greener, altered greenstone. It gets progressively lighter in color, and is pale green at 135'. - From 110' to 120', the greenstone has hematite fragments and is still pyritic								

Property: Golden Sidewalk	Lat:	HOLE #: 87-6	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

PEG COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-From 120' to 135'; the quartz content increases to 15-20%. There are occasional argillite/cherty argillite fragments. The sample is very pyritic				Very Pyritic		93076 125-130'	195	2.2		
				"		93077 130-135'	625	9.8		
- From 135 to 140'; argillite/cherty argillite, grey siliciouschert, rusty chert, white quartz and grey altered rock are ≈ equal portions. Still, very pyritic		150		"		93078 135-140'	210	3.4		
						93079 140-145'	410	2.2		
				Very Pyritic		93080 145-150'	560	9.8		
- At 140'; grey siliceous chert dominates, with occasional quartz fragment and grey altered fragment. Pyrite not as abundant				"		93081 150-155'	880	3.4		
				"		93082 155-160'	520	2.2		
145'-250' Argillite/Cherty Argillite - black, pyritic with occasional white quartz veining				"		93083 160-165'	315	2.1		
				"		93084 165-170'	295	5.2		
		175				93085 170-175'	160	5.0		
- From 145' to 155'; argillite/cherty argillite ≈ ½ of sample. The rest is grey, silicious chert and altered grey rock. Occasional quartz fragment. High pyrite content						93086 175-180'	120	2.0		
						93087 180-185'	200	41.4		
						93088 185-190'	410	3.5		
- From 155' to 165'; argillite/cherty argillite dominates (75-80%), with altered grey rock, and occasional quartz fragment. Very Pyritic						93089 190-195'	130	3.1		
						93090 195-200'	80	2.1		
		200								
- From 165' to 170'; rock is grey-black and mottled. It contains abundant fine grained pyrite.						93091 200-205'	70	2.5		
						93092 205-210'	420	3.0		
- From 170' to 175'; black argillite/cherty argillite with quartz fragments and fine grained disseminated pyrite						93093 210-215'	170	3.9		
						93094 215-220'	160	3.3		
- From 175' to 195'; rock becomes more silicious as grey chert dominates. Pyrite not quite as abundant						93095 220-225	130	2.0		
		225								
- From 195' to 200'; black argillite/cherty argillite dominates; quartz fragments and pyrite						93096 225-230'	210	2.2		
						93097 230-235'	260	41.0		
- From 200' to 250'; cherty argillite (lighter color grey than black argillite. Occasional quartz fragments and blebs and disseminations of fine to medium grained pyrite						93098 235-240'	850	4.1		
						93099 240-245'	620	4.0		
						93100 245'-250'	330	2.3		
		250		END OF HOLE 250'						

Property: Golden Sidewalk | Lat:
Claim: | Long:

HOLE #: 87-7 | Pg 1 | C.

LOCATION | BEARING 360° | LATITUDE | CORE SIZE Botary (5½") | LOGGED BY Brian Game
DATE COLLARED NOV 2/87 | LENGTH 250' | DEPARTURE | SCALE OF LOG : | DATE NOV 3 87
DATE COMPLETED NOV 2/87 | DIP Vertical | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing - bedrock at 2' 20-30' No return 30-45' Greenstone	0 25							
- at 35', is siliceous with approx 5% white qtz. - oxidized and rusty from 30-40' - at 40', still very siliceous and slightly serpentinized	50			93026 45-50'	20	.04		
45-65' Listwanite altered greenstone - green-grey rock frags with areas of swirling white qtz and green mariposite. - very rusty and oxidized from 45-50'	75	Disseminated pyrite		93027 50-55' 93028 55-60' 93029 60-65' 93030 65-70' 93031 70-75'	10 5 5 10 5	.05 .05 .05 .05 1.2		
65-100' Zone of silicification. - very altered and silicified greenstone. However not listwanite altn. No mariposite. - grey-green in colour with no clear white qtz	100	Disseminations and 'blebs' of fine to med-grained pyrite.		93032 75-80' 93033 80-85' 93034 85-90' 93035 90-95' 93036 95-100'	70 20 10 10 25	1.2 .09 .05 .04 .06		
- from 75-80', rock becomes dark grey in colour with fragments of clear white qtz. - considerable coarse qtz from 90-95', approx 7-10%, probable veining. - silicification and altn, much less intense at 95'	125	from 75-80', 'blebs' of pyrite and some fine-grained grey sulphide (likely galena)		93039 110-115' 93040 115-120' 93041 120-125'	10 5 5	0.4 0.5 0.5		

Property: Golden Sidewalk	Lat:	HOLE #: 87-7	pg2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
100 - 110' Serpentinized greenstone - dark green ultrabasic. - occassional asbestos fragment.		No visible sulphide.		93042 125-130'	10	0.5		
				93043 130-135'	5	0.5		
				93044 135-140'	2300	19.0		
110 - 220' Silicified greenstone. - grey rock fragments with occassional fragments of clear		Disseminated fine-grained pyrite.		93045 140-145'	50	1.6		
	150			93046 145-150'	5	1.5		
- white qtz. - much greater qtz content (5-7%) at 130'. This continues through to 145'. - at 150', increase in qtz content again. As well, introduction		Disseminations and 'blebs' of fine to med-grained pyrite at 130' - from 135'-145', disseminations of pyrite and grey sulphide (likely galena).		93047 150-155'	345	3.2		
				93048 155-160'	10	.109		
				93049 160-165'	40	1.8		
				93050 165-170'	50	1.3		
	175			93051 170-175'	70	1.2		
of very minor mariposite (1-2%) - from 155' onx fragments are very uniform; siliceous grstone with minor disseminated pyrite (1-2%)		- Disseminated pyrite		93052 175-180'	65	1.6		
				93053 180-185'	15	1.6		
				93054 185-190'	50	.08		
				93055 190-195'	5	.07		
				93056 195-200'	80	.09		
	200							
- becomes less siliceous and altered at 195', Original greenstone becomes more readily recognizeable.								
220 - 240' Greenstone	225							
- only very slightly silicified. - occassional fragments of clear white qtz.		Disseminated fine-grained pyrite.						
240 - 250' Serpentinized greenstone - dark green ultrabasic - occassional light green frags	250							
of silicified greenstone.		END OF HOLE 250'						

Property: Golden Sidewalk | Lat:
Claim: | Long:

HOLE #: 87-8 | Pg 1 | C.A.

LOCATION: | BEARING: 360° | LATITUDE: | CORE SIZE: Rotary (5½") | LOGGED BY: Brian Game
DATE COLLARED: Nov 3/87 | LENGTH: 250' | DEPARTURE: | SCALE OF LOG: | DATE: Nov 4/87
DATE COMPLETED: Nov 3/87 | DIP: Vertical | ELEVATION: | REMARKS:

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 20' Casing - bedrock at 13' 20 - 30' No return 30 - 180' Siliceous greenstone		0 25								
- grey, siliceous rock frags. - oxidized and rusty from 30-40'. - mariposite at 35'. - clear white qtz fragments at 45'.		50		Disseminated fine-grained pyrite		75992 30-35' 95993 35-40' 95994 40-45' 95995 45-50'	.90 1.10 .70 .15	1.2 0.9 0.9 0.9		
- at 65', becomes extremely siliceous and very heavily mineralized. This continues right through to 80' (Beta Zone).		75		-65-70', blebs of pyrite and dissem. fine-grained grey sulphide (galena) -70-75', blebs of pyrite, dissem. and 'blebs' of galena, and dissem chalcopyrite.		95996 50-55' 95997 55-60' 95998 60-65' 95999 65-70' 76000 70-75'	380 30 40 >1000 24500	0.9 0.8 0.9 176.2 97.2		
- less siliceous and not as well mineralized from 80-85', however some mineralization still present. - at 85', goes back to siliceous greenstone with disseminations and occassional 'blebs' of pyrite.		100		- 75-80' is same as 70-75'. Disseminated pyrite		93001 75-80' 93002 80-85' 93003 85-90' 93004 90-95' 93005 95-100'	7200 605 980 50 65	36.5 5.6 3.6 2.0 1.6		
- from 115-120', contains approx 10-15% fragments of black argillite - at 125', considerable fragments of clear white qtz, and considerable mineralization.		125		125-130', "blebs of pyrite, asp, and galena.		93006 100-105' 93007 105-110' 93008 110-115' 93009 115-120' 93010 120-125'	90 100 730 85 410	1.7 1.2 1.1 1.2 1.3		

Property: Golden Sidewalk	Lat:
Claim:	Long:

HOLE #: 87-8 Pg 2

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton ppb	Ag ozs/ton ppm	Pb %	Zn %
- 130', same as 125. - at 135, still very siliceous, but not as heavily mineralized. - at 150', becomes much less siliceous, and original greenstone		150		130-135', same as 125-130 135-145', 'blebs' of pyrite, and occassional fine-grained grey sulphide. - 'blebs' of pyrite from 145-150'		93011 125-130' 93012 130-135' 93013 135-140' 93014 140-145' 93015 145-150'	8000 3200 570 90 180	10.7 5.0 3.3 2.6 6.0		
is readily recognizeable. - grstone again becomes more siliceous at 160' - clear white qtz fragments and introduction of minor mariposite		175		Disseminations and occassional 'blebs' of pyrite.		93016 150-155' 93017 155-160' 93018 160-165' 93019 165-170' 93020 170-175'	150 120 80 80 90	5.7 3.2 1.2 1.3 2.4		
at 165' 180'-190' Listwanite altered grstone grey-white rock with swirling areas of white qtz and green mariposite.		200		Disseminated fine-grained pyrite.		93021 175-180' 93022 180-185' 93023 185-190' 93024 190-195' 93025 195-200'	80 40 60 150 80.	1.2 1.1 1.5 1.8 1.5		
190- Siliceous grstone - grey-green siliceous rock frags. - this unit remains very uniform to the end of the		225		Disseminated fine-grained pyrite.						
hole. However, is much less siliceous from 240-250'		250								

Property: Golden Sidewalk	Lat:	HOLE #: 87-9	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE Rotary (5¼") LOGGED BY Ken Embree

DATE COLLARED Nov 3/87 LENGTH 250' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 5/87

DATE COMPLETED Nov 3/87 DIP Vertical ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing 20-35' No return - hit bedrock at 4'. 35'-65' Serpentinized Greenstone - dark green ultrabasic with occasional jade green silicified fragments		25								
- oxidized, with rusty fragments from 35' to 50' - occasional quartz fragment - at 60'; quartz content increased to 10-15%, with grey siliceous greenstone fragments 65'-250' Siliceous Greenstone - at 65'; quartz fragments ≈ 15%, siliceous		50								
greenstone fragments are dark grey), occasional blebs and disseminations of fine to medium grained pyrite - from 75' to 95'; rock becomes very siliceous and lighter colored, actual quartz content very low, fine grained disseminated pyrite low, possibly galena		75		Occasional blebs and disseminations of fine to medium grained pyrite "		95955 65'-70' 95956 70'-75'	70 50	1.5 109		
- at 95'; altered rock becomes dark grey again, with 50% white quartz fragments and tan colored quartz knots fragments, reddish stains on grey rock (realgar?). This continues to 105' - at 105'; greenstone only weakly silicified - at 110'; listwanite alteration. Mariposite		100		Minor disseminated pyrite, galena?		95957 75'-80' 95958 80'-85' 95959 85'-90' 95960 90'-95' 95961 95'-100'	40 30 60 60 40	.05 .07 .07 .07 .03		
ingrey chips of altered greenstone, with swirling white quartz. This lasts only to 115'. - at 115'; rock is very siliceous and light grey colored. Minor disseminated pyrite - at 120'; altered rock again becoming darker grey, with swirling quartz and mariposite		125				95962 100-105' 95963 105'-110' 95964 110'-115' 95965 115'-120' 95966 120'-125'	30 40 35 5 5	.03 .06 .06 .06 .06		
- at 125'; no mariposite. Rock is getting darker colored, more greenstone. From 125' to 145', rock continues to become greener. At 145', Rock is mostly greenstone, and is not strongly silicified. It is slightly serpent-										

Property: Vadden Sidewalk	Lat:	HOLE #: 87-9	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-From 145' to 240' rock is highly silicified. It is light grey with swirling white quartz and contains quartz fragments						95967 125'-130'	10.	.05		
-at 145' to 150', quartz fragments are ≈ 1/30 of sample. Occasional blebs and disseminations of pyrite				Occasional blebs and disseminations of pyrite		95968 130'-135'	5	.05		
						95969 135'-140'	5	.03		
						95970 140'-145'	5	.05		
						95971 145'-150'	5	.03		
-From 150' to 160'; quartz content decreases to 1-2%. Mineralization still not strong, but										
pyrite content is slightly increasing		150								
-From 160' to 175'; zone is very silicious and heavily mineralized (Beta zone).				Blebs of medium grained pyrite and galena		95972 150'-155'	5	.06		
				Fine grained disseminated pyrite, galena, asp. "		95973 155'-160'	10	.07		
				"		95974 160'-165'	20.	.04		
						95975 165'-170'	6100	3.0		
						95976 170'-175'	8.000	95		
-From 175' to 210'; grey silicious rock continues (similar to 160' to 175'), but no galena found. Still, blebs and disseminations of fine to medium grained pyrite		175								
-from 210' to 250'; rock is still very silicious, but contains grey-green silicious fragments and disseminated fine grained pyrite				Blebs and disseminations of fine to medium grained pyrite		95977 175'-180'	980	.06		
				"		95978 180'-185'	320	.09		
				"		95979 185'-190'	30	.07		
				"		95980 190'-195'	410	.07		
-From 240' to 245'; rock has darker green fragments (slightly serpentinized)				"		95981 195'-200'	30	.07		
		200								
Other than this, the unit is very uniform from 210' to 250'				"		95982 200'-205'	50	.07		
				"		95983 205'-210'	140	.08		
				Disseminated fine grained pyrite		95984 210'-215'	80	.09		
						95985 215'-220'	10	.08		
						95986 220'-225'	10	.09		
		225								
						95987 225'-230'	20	.06		
						95988 230'-235'	30	.07		
						95989 235'-240'	20	.08		
						95990 240'-245'	15	.06		
						95991 245'-250'	10	.06		
		250		END OF HOLE 250'						

Property: Golden Sidewalk	Lat:	HOLE #: 87-10	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5¼" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 4/87 LENGTH 250' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 5/87

DATE COMPLETED _____ DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing 20'-30' NO return -hit bedrock at 27' 30.-65' Altered Greenstone (Silicified) -light grey-green to dark grey, with occasional quartz fragments		25								
-gets darker color as 65' is approached -oxidized, contains rusty fragments from 30' to 55' 65'-230' Serpentinized Greenstone / Serpentinite		50								
-dark green ultrabasic with occasional asbestos fibres, numerous "soapy" pale colored fragments and occasional quartz fragments. Also, occasional red stain (magnesium?) -at 140'; numerous soapy jade green fragments (30%), with occasional milky		75								
white quartz fragments -at 145'; occasional clear white quartz fragment -From 155' to 160'; altered greenstone, grey siliceous rock with swirling, white quartz. This is a small zone of listwanite		100								
alteration (mariposite and rusty, oxidized rock fragments -From 160' to 195'; serpentinized greenstone returns; dark ultrabasic with soapy colored fragments. Also, occasional quartz fragment. -at 180'; small zone where quartz content		125								
increases. Quartz has red stain. This stops at 185'.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-10	Page 2	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
- From 195' to 230'; serpentinized greenstone is very dark colored. There is the occasional asbestos fibre and soapy fragment with minor quartz. 230' to 250' - Altered (Silicified) Greenstone - grey silicious rock with white quartz fragments - at 230'; silicified rock introduced (≈ 50%, the rest is serpentinized greenstone) - at 235'; rock fragments are grey-green. Also, ≈ 1/3 White quartz fragments. This continues to 245' - at 245'; rock fragments are darker grey (no longer grey-green). Blebs (up to 1/8 - 1/4") of medium to fine grained pyrite. It looks like the zone (Alpha Zone) has just been reached.		150								
		175								
		200								
		225								
		250		Large blebs of fine to medium grained pyrite. Disseminated Pyrite.		95951 230'-235'	5	.07		
						95952 235'-240'	5	.08		
						95953 240'-245'	5	.06		
						95954 245'-250'	45	.06		
				END OF HOLE (250')						

Property: Golden Sidewalk	Lat:	HOLE #: 87-11	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5¼" (Rotary) LOGGED BY Ken Embree

DATE COLLARED Nov 5/87 LENGTH 250' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 6/87

DATE COMPLETED Nov 6/87 DIP Vertical ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-5' No return - hit bedrock at 1'										
5'-20' Greenstone - weathered to a purple color, very angular fragments										
20'-95' Altered Greenstone; grey-green "bleached" fragments with ≈10-15% dark greenstone fragments - from 20' to 35'; rock has been oxidized, as it contains numerous rusty fragments, minor disseminated pyrite		25		35'-40' - Occasional bleb of fine to medium grained pyrite		93949 30-35' 93950 35-40'	10 100	1.1 1.6		
- from 20' to 25'; numerous white, milky quartz fragments - at 60'; quartz content increases to ≈25%, majority is altered, siliceous dark grey - at 65'; altered grey-green greenstone with quartz (10%). Also, purplish greenstone ≈ 50% of sample. Listwanite		50 75								
alteration begins - From 70' to 95'; Listwanite Alteration Mariposite in grey-green siliceous fragments with swirling quartz veinlets, mariposite content highest from 80'-85' (≈10%). Here, quartz fragments ≈5%. No visible sulphide.		100								
95'-115' Serpentinized Greenstone - dark ultrabasic with jade green soapy fragments and occasional quartz fragment										
115'-135' Altered Greenstone; grey-green silicious fragments with quartz and serpentinized greenstone fragments (probably left over from 95-115')		125								
- at 125'; quartz content increased (20-25%) - at 130'; sample becoming darker grey, very little clear quartz, minor mariposite - no visible mineralization										

Property: Golden Sidewalk	Lat:	HOLE #: 87-11	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
135'-155' Serpentinized Greenstone -very similar to 95' to 115' 155'-170' Altered Greenstone -dark grey-green silicious fragments with swirling quartz, but <5% quartz fragments. No visible sulphide	150							
170-180' Serpentinized Greenstone -dark green ultrabasic with numerous jade green soapy fragments. Almost no quartz 180'-195' Altered Greenstone -grey-green silicious fragments	175							
with swirling quartz veinlets -from 180-185', clean white quartz fragments ≈ 10-15% -from 185-195', quartz decreases and sample getting darker colored -no visible sulphides from 180-195'	200							
195'-250' Serpentinized Greenstone, same dark ultrabasic with jade green soapy fragments (5%) and occasional quartz fragment (1-2%)	225							
	250	END OF HOLE						

Property: Golden Sidewalk	Lat:	HOLE #: 87-12	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5½": Rotary LOGGED BY Ken Embree

FILE COLLARED Nov 7/87 LENGTH 500' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 12/87

DATE COMPLETED Nov 7/87 DIP Vertical ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-8' Casing -hit bedrock at 1' 8-25' No Return 25'-80' Altered Greenstone -grey-green silicious rock with occasional quarte fragments and		25								
-occasional blebs and disseminations of fine to medium grained pyrite - from 25' to 40'; numerous oxidized fragments. This stops at 40' -as 80' is approached, the amount of quarte increases to ≈10-15% 80'-146' Listwanite Alteration		50		Occasional blebs and disseminations of fine to medium grained pyrite. " "		93101 45-50'	80	108		
-grey silicious fragments with white swirling quarte and mariposite. Blebs and disseminations of fine to medium grained pyrite -at 85'; mariposite content ≈5%, silicious fragments becoming darker grey color -at 105'; quarte content ≈25%, very		75		" " " " "						
pyritic, introduction of grey fine to medium grained sulfide (Asp, Ga). Also, only minor mariposite: -at 125'; quarte content increased to ≈40% -at 130'; quarte has decreased, dark grey silicious fragments with minor mariposite		100		Blebs and disseminations of fine to medium grained pyrite " " "						
Abundant pyrite, blebs of grey sulphide at 135' to 146'. 140' to 150' Heavily mineralized Zone -dark silicious fragments with ≈5% white quarte. Very heavily mineralized with blebs of grey sulphide (Ga, Asp) up to ¼" diameter. Grey sulphide ≈20%		125		Very pyritic. Introduction of fine to medium grained grey-silver sulphide (Ga, Asp) " " " "		93102 100-105' 93103 105-110' 93104 110-115' 93105 115-120' 93106 120-125'	540 3000 4100 5000 1840	4.0 11.0 4.4 26.0 10.1		
of sample. It is fine to medium grained silver grey-white. Pyrite contents low (1%) and mariposite is low, with just the occasional green fragment.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-12	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
150'-300' Altered Greenstone -from 150' to 185'; Listwanite Alteration zone; dark grey silicious fragments with swirling white quartz. Mariposite is relatively minor (1-5%). White quartz fragments ≈ 5%. Blebs and dissemination of fine to medium grained pyrite and grey sulphide (Ga, Asp). At 170' grey sulphide gone -from 165-175'; mariposite content 5% -from 175'-185'; silicious fragments are very dark grey, mariposite content very low (≈1%) -from 185' to 190'; mariposite virtually gone. Weak listwanite alteration continues to 205'. From 190' to 205' the sample is mostly silicified. There are quartz fragments (20%) and blebs of fine to medium grained pyrite - from 205' to 230'; Listwanite Alteration is strong. Mariposite content ≈ 5%. Pyrite content is quite low. Rock fragments are light grey with swirling quartz. - From 230' to 270'; Listwanite Alteration is weak, minor mariposite, quartz up. -at 240', mariposite increases to ≈ 3% This stops at 245'. - from 260' to 265'; rock is quite silicified chips are lighter grey and sample has ≈ 25% quartz, minor disseminated pyrite - from 265' to 285'; Listwanite Alteration again is stronger, as mariposite content increased to ≈ 5%. Grey silicious chips with swirling quartz, dissemations and blebs of fine to medium grained pyrite.	150 175 200 225 250	" " " Abundant grey sulphide (Ga, Asp) with minor pyrite. " " Grey sulphide gone Blebs of pyrite Pyrite content low. Pyrite content slightly increased. Blebs of fine to medium grained pyrite		93107 125-130' 93108 130-135' 93109 135'-140' 93110 140-145' 93111 145-150' 93112 150-155' 93113 155-160' 93114 160-165' 93115 165-170' 93116 170-175' 93117 175-180' 93118 180-185' 93119 185-190' 93120 210-215' 93121 240'-245' 93122 245-250'	220 80 3600 9000 3750 3000 5/0 3100 3000 370 150 90 70 50 250 1/10	2.3 1.2 63.3 121.0 60.3 30.1 11.1 26.7 35.5 5.7 1.2 1.3 1.0 1.06 2.0 35.2		

Property: Golden Sidewalk	Lat:	HOLE #: 87-12	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-from 285' to 300'; mariposite content minor, chips darker grey with 15-20% quartz. Pyrite content has decreased				Minor disseminated pyrite.		93123 250-255'	80	.09		
				Blebs and disseminations of fine to med. grained pyrite.		93124 255-260'	90	.08		
300' to 375' Altered Rock				"		93125 260-265'	30	.06		
-very highly silicified greenstone,				"		93126 265-270'	35	.06		
		275		"		93127 270-275'	75.	.08		
bleached light grey color with occasional dark siliccious fragment				"		93128 275-280'	90	1.3		
Occasional bleb of fine to medium grained pyrite.				"		93129 280-285'	85	.08		
375' to 455'; Silicified Greenstone				Minor disseminated Pyrite.		93130 285-290'	10	.09		
-from 375' to 425'; dark grey-green				"		93131 290-295'	5	.07		
		300		"		93132 295-300'	140	2.0		
fragments with occasional light grey-green fragment, ≈15 to 20% quartz fragments. Minor disseminated pyrite				Occasional bleb of fine to medium grained pyrite						
-from 425' to 455'; silicious fragments are lighter grey-green colored, with 10-15% quartz and occasional blebs				"		93133 315-320	1100	2.9		
		325		"						
and disseminations of fine to medium grained pyrite.				"						
455' to 500' Altered Rock				"						
-very highly silicified greenstone, bleached light grey color with				"						
		350		"						
occasional dark silicious fragment and occasional bleb of fine to medium grained pyrite (same as 300' to 375')				"						
				"		93134 360-365'	30	1.3		
				"						
		375		"						

Property: Golden Sidewalk	Lat:	HOLE #: 87-12	Page 4	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
		Minor disseminated pyrite " " " "						
	400							
		" " " " "		93135 405-410'	5	.07		
	425							
		Occasional blebs and disseminations of fine to medium grained pyrite " " " "		93136 425-430' 93137 430-435' 93138 435-440' 93139 440-445' 93140 445-450'	5 10 35 115 310	.09 .09 .09 1.0 .09		
	450							
		"		93141 450-455' 93142 455-460' 93143 470-475	60 40 280	.09 1.2 2.2		
	475							
	500							
		500' END OF HOLE						

Property: Golden Sidewalls	Lat:	HOLE #: 87-13	Page 1	C.A.
Claim:	Long:			

LOCATION
DATE COLLARED Nov 8/87
DATE COMPLETED Nov 8/87
BEARING 360°
LENGTH 440'
DIP Vertical
LATITUDE
DEPARTURE
ELEVATION
CORE SIZE 5¼" Rotary
SCALE OF LOG
REMARKS
LOGGED BY Ken Embree
DATE Nov 12/87

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0 - 4' Casing - hit bedrock at 1' 4 - 30' No return 30' - 145' Altered Greenstone - silicified, grey to grey green		25								
- rock fragments with occasional quartz fragment - from 30' to 40'; light white-grey rock fragments, no quartz and very minor disseminated pyrite - from 40' to 65'; darker grey		50		Very minor disseminated pyrite " Occasional bleb and dissemination of fine to medium grained pyrite "						
fragments with occasional quartz fragment and occasional bleb and dissemination of fine to medium grained pyrite - from 65' to 145'; lighter grey-green fragments with occasional		75		" " " Occasional bleb of grey sulfide (Gn, Asp) and pyrite "		93144 55-60' 93145 60-65' 93146 65-70' 93147 70-75'	20 210 1200 70	109 .09 .09 1.2		
quartz fragment - at 70'; occasional bleb of grey sulfide (Asp, Gn) and occasional bleb of pyrite (<1%). This continues to 145'. 145' - 235' Altered Greenstone - darker grey silicious fragments		100		" " " " " "		93148 75-80' 93149 80-85' 93150 85-90' 138001 90-95' 138002 95-100'	110 1600 130 70 50	.09 1.2 .09 1.0 1.2		
mixed with lighter colored grey-green fragments and quartz fragments - from 145' to 160'; mostly dark grey chips with ≈ 5% quartz and occasional blebs of fine to medium grained pyrite		125		" " " " "						

Property: Golden Sidewalk	Lat:	HOLE #: 87-13	Page 2	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-from 160' to 215'; dark grey-green fragments with increasing quartz content (to 15%) and soapy green greenstone fragments, no visible sulfide -at 175'; green fragments increase to ≈25%, This continues to		150		Occasional blebs of pyrite		138003 145-150	.110	1.2		
215' to 265'; Listwanite Alteration, grey silicious fragments -at 215'; mostly greenstone fragments with swirling quartz and very minor mariposite -at 220'; mariposite increasing (1%),		175				138004 150-155 138005 155-160	330 5	.08 .06		
quartz increasing to 30-35%, minor disseminated pyrite -at 225'; quartz decreasing, grey silicious fragments with swirling quartz and occasional grey-green fragments. Occasional blebs and dissemination of fine to medium grained pyrite.		200								
Mariposite content low (1%) Pyrite content increasing -at 245'; mariposite content increased 3-5%. This stops at 250'. -from 250' to 260'; quartz content increased to 30-40%, minor mariposite,		225		Minor disseminated pyrite						
pyrite content minor -at 260'; mariposite content increased to ≈5%. Minor pyrite. 265' to 315'; Altered Greenstone -dark green fragments with grey		250		Occasional blebs and disseminations of fine to medium grained pyrite		138006 225-230' 138007 230-235' 138008 235-240' 138009 240-245' 138010 245-250'	5 10 210 220 70	.07 .09 2.6 .00 .07		
green fragments and swirling quartz										

Property: Golden Sidewalk | Lat: | HOLE #: 87-13 | Page 3 | C.A.

Claim: | Long:

LOCATION | BEARING | LATITUDE | CORE SIZE | LOGGED BY

DATE COLLARED | LENGTH | DEPARTURE | SCALE OF LOG | DATE

DATE COMPLETED | DIP | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au oz/ton	Ag oz/ton	Pb %	Zn %
-from 265' to 285'; altered greenstone with numerous soapy green fragments. No visible sulfide -from 295' to 315'; altered greenstone has jasper and quartz fragments. No visible sulfide		275		Minor pyrite " "						
-at 285'; ≈ 5-10% jasper, minor quartz -at 290'; quartz increased to ≈10%, red stain in quartz. This continues to 300'. -at 300'; equal portions of altered greenstone, jasper and quartz		300								
-at 305'; jasper and quartz decrease -at 310'; dark ultrabasic introduced 315' to 440'; Serpentinite / Serpentinized greenstone -dark ultrabasic with numerous		325				138011 - 300-305'	30	1.05		
soapy jade green fragments and occasional white quartz fragment. No visible sulfide. This unit is very uniform right to 440'		350								
		375								

Property: Golden Sidewalk | Lat:
Claim: | Long:
HOLE #: 87-13 | Page 4 | C.

LOCATION | BEARING | LATITUDE | CORE SIZE | LOGGED BY
DATE COLLARED | LENGTH | DEPARTURE | SCALE OF LOG | DATE
DATE COMPLETED | DIP | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
		400								
		425								
				END OF HOLE 440'						

Property: Golden Sidewalk | **Lat:** | **HOLE #:** 87-14 | Page 1 | C.
Claim: | **Long:**

LOCATION		BEARING 360°	LATITUDE
DATE COLLARED Nov 10/87	LENGTH 500'	DEPARTURE	
DATE COMPLETED Nov 10/87	DIP Vertical	ELEVATION	

CORE SIZE 5¼" Rotary — LOGGED BY Ken Embree
SCALE OF LOG — DATE Nov 13/87
REMARKS

ROCK TYPES AND ALTERATION

0-4' Casing
- hit bedrock at 1'

4-25' No Return

25'-45' Greenstone/Serpentinized Greenstone; dark green ultrabasic with numerous soapy and jade green fragments, occasional quartz fragment (1%)
- at 35'; rock is highly silicified with swirling quartz in lighter green fragments
- no visible sulfide
- rock oxidized to 50'; contains numerous rusty fragments; stops at 50'

45'-115' Altered Greenstone
- silicified, grey silicious fragments with grey-green fragments and white quartz fragments
- quite pyritic; blebs and disseminations of fine to med. grained pyrite
- appears to be a sulfide darker than pyrite (not pent.)
- from 45' to 65', minor quartz (<1%)
- at 65'; chips are darker grey and quartz content up (10%), continues to 115'
- from 85' to 110'; heavily mineralized with pyrite "blebs" and darker pyrite(?) blebs up to ¼" diameter (pure sulfide)
- at 110'; chips are even darker grey, sulfide content somewhat decreased

115'-140' Listwanite Alteration
- dark grey silicious fragments with swirling quartz veinlets, mariposite (1-2%), quartz fragments (5-10%), and blebs and disseminations of fine to medium grained pyrite. Still quite heavily mineralized

Footage marks: 25, 50, 75, 100, 125

MINERALIZATION AND STRUCTURES / ASSAYS

Mineralization and Structures	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
Blebs and disseminations of fine to medium grained pyrite		138012 45-50'	600	8.3		
"		138013 50-55'	9100	19.0		
"		138014 55-60'	230	2.9		
"		138015 60-65'	380	3.3		
"		138016 65-70'	700	6.4		
"		138017 70-75'	3200	9.5		
"		138018 75-80'	200	1.6		
"		138019 80-85'	1740	17.7		
Large blebs of pyrite. Heavily mineralized		138020 85-90'	940	20.7		
"		138021 90-95'	80	1.4		
"		138022 95-100'	4140	5.0		
"		138023 100-105'	800	8.4		
"		138024 105-110'	4000	18.3		
Less pyrite. Blebs and Disseminations of fine to med grained pyrite.		138025 110-115'	330	1.7		
		138026 115-120'	210	1.4		
"		138027 120-125'	[illegible]	10.8		

Property: Golden Sidewalk	Lat:	HOLE #: 87-14	Page 2	
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-from 115' to 130'; quartz content increases (~15%)				"		138028 125-130'	220	2.5		
-at 130'; large blebs of darker sulfide (pyrite?)				Large blebs of darker sulfide (pyrite?)		138029 130-135'	4000	12.8		
-at 135'; mariposite content low (only occasional fragment). Also, quartz content still high.				"		138030 135-140'	2750	26.8		
				"		138031 140-145'	2050	4.2		
		150		Heavily mineralized. Large blebs of pyrite + other sulfide		138032 145-150'	2750	12.21		
140'-230' Altered Greenstone										
-silicious grey-green to dark grey fragments with white quartz chips and blebs and disseminations of fine to medium grained pyrite				Occasional bleb and dissemination of fine to medium grained pyrite						
				"						
				"						
-at 140'; chips dark grey with 15-20% quartz and abundant sulfide (pyrite)		175		"						
-at 145'; quartz up (25%) and large blebs of pyrite, other sulfide. Heavily mineralized				Very minor pyrite						
				No visible sulfide						
-from 150' to 175'; fragments are lighter grey color with grey green fragments and less quartz (<5%). Also, pyrite content much lower; occasional bleb and dissemination				Minor "blebs" and disseminated pyrite		138033 185-190'	60	.06		
				"		138034 190-195'	50	.05		
		200		"		138035 195-200'	50	.07		
-at 175'; chips dark grey-green				"		138036 200-205'	45	.07		
-at 180'; ~60% of chips are dark green with swirling quartz and soapy fragments. White quartz fragments have red stain (180-185' → minor serpentinized section). No sulfide				Blebs and disseminated pyrite		138037 205-210'	40			
				"		138038 210-215'	55	.06		
				Heavily mineralized		138039 215-220'	950	.08		
-from 185' to 205'; minor listwanite		225		Blebs + disseminated pyrite		138040 220-225'	20	7.6		
alteration; dark grey silicious fragments with swirling quartz, quartz chips and occasional mariposite fragment (<1%). Minor blebs and disseminated pyrite				"		138041 225-230'	30	.01		
				"		138042 230-235'	20	.01		
				"		138043 235-240'	415	.03		
				"		138044 240-245'	250	.01		
-from 205' to 230'; dark grey chips with quartz (up to 10%) and quite a lot of pyrite blebs and disseminations. Heavily mineralized from 215' to 220' with occasional mariposite fragment.		250		"		138045 245-250'	10	.03		

Property: Golden Sidewalk	Lat:	HOLE #: 87-14	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
230' to 280' Listwanite Alteration - grey siliceous fragments with swirling quartz, quartz chips (up to 20%) and mariposite. Disseminated pyrite and blebs of fine to medium grained pyrite - mariposite 3-5% - unit is very uniform from 230' to 275'		275		"						
- at 275': pieces of greenstone are introduced				"						
280' to 330': Greenstone / Serpentinized Greenstone (No visible sulfide) - From 280' to 290': dark greenstone fragments ≈ 50%, with green chips with swirling quartz-calcite veinlets ≈ 50%.		300		No visible sulfide.						
- From 290' to 300': dark green ultrabasic with ≈ 25% soapy fragments, 5% quartz - from 300' to 325': not quite as dark, with more soapy and jade green fragments and still 1-5% quartz - at 320': quartz has red stain		325		"						
- at 325': same, but with increasing quartz content (30-35%).				"		138046 330-335'	15	.05		
330' to 355' Altered Greenstone - siliceous, grey-green to dark grey altered fragments with white quartz chips and blebs and disseminated pyrite		350		Blebs and disseminations of fine to medium grained pyrite		138047 335-340' 138048 340-345' 138049 345-350'	60 70 140	.06 .08 .09		
- chips get darker and quartz content decreases from ≈ 25% to 1-2% as the 355' sample is approached. Also, pyrite content increases as 355' is neared				"		138050 350-355' 138051 355-360'	25 195	1.41 2.7		
355' to 465' Altered Rock (Greenstone)		375								
- very highly silicified greenstone, bleached whitish-grey color. Pyrite content generally quite low, but there is occasional large bleb of fine to medium grained pyrite.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-14	Page 4	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

P.O.C. COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
- from 355' to 405'; medium grey color - from 385' to 390'; quartz chips 5-10%, black shiny coal-like mineral (hematite?), scratches red - hosts more abundant pyrite - from 405' to 410'; slightly darker grey, similar rock		400				138052 380-385' 138053 385-390' 138054 390-395' 138055 395-400'	470 50 20 10	416.6 5.7 2.0 1.3		
- from 410' to 465'; same rock, but lighter grey color 465' to 490'; Altered Greenstone - grey silicious fragments with swirling white quartz and white quartz chips.		425								
Also, grey-green silicious fragments. Occasional blebs and disseminations of fine to medium grained pyrite - at 465'; dark grey silicious fragments introduced to that of unit 355'-465'. Occasional greenstone fragment and		450				138056 430-435'	5	1.1		
large blob of pyrite. - from 470-475'; ≈20% greenstone with swirling quartz-calcite veinlets - from 475' to 490'; dark grey silicious fragments, light grey silicious fragments and grey-green silicious fragments		475								
≈ equal proportions. 490-500'; Greenstone/Serpentinized Greenstone - dark ultrabasic with jade green and soapy fragments and quartz fragments (1-5%)		500		END OF HOLE (500')						

Property: Golden Sidewalk	Lat:	HOLE #: 87-15	Page 1	C.A.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5¼" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 11/87 LENGTH 420' DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED Nov 14/87 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 19' 20-35' No return Note: rock has been oxidized to a depth of 70'. After 70'; there		25								
- are no more rusty fragments. 35-45' Greenstone -unaltered volcanic; green to grey-green fragments. No visible sulfide										
45'-60' Altered Greenstone		50		Occosional blob and disseminated pyrite						
-grey to grey green silicious fragments with quartz fragments (1-2%) and occasional blebs or dissemination of pyrite 60-85' DIORITE (small dike?) -greenish-grey fragments, quite		75		"						
crystalline, with calcite veinlets. It has very small white dots, looks like it may be a porphyry. No visible sulfide - at 65-70', numerous grey chert fragments 85-105' Argillite / Cherty Argillite		100		85-90 Blebs and Disseminated Pyrite. " "		138057 85-90' 138058 90-95' 138059 95-100'	20 10 5	10.9 1.0 1.1		
-from 85-90'; dark black altered argillite / cherty argillite with minor grey cherty fragments and quartz blebs and disseminations of pyrite. -from 90-95; dark grey chert / cherty argillite dominates (75%). Still pyritic, minor quartz.		125				138060 100-105'	5	1.4		
-from 95-100'; argillite and chert ≈ 50% each. Still pyritic, minor quartz -from 100-105'; argillite / cherty argillite 75%, chert 20%, quartz 5%. Still quite pyritic.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-15	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
105'-140' Listwanite Alteration -grey silicious rock fragments with swirling quartz, white quartz fragments, mariposite, ank blebs and disseminations of fine to medium grained pyrite. -at 105' mariposite 2-5%, pyrite minor, quartz low (5%)		150				138061 135-140' 138062 140-145' 138063 145-150'	20 5 20	.08 .05 .08		
-at 110', quartz up (10%), mariposite down (1-2%), pyrite increasing -at 115', quartz 20%, mariposite and pyrite still quite low. This continues to 125' -at 125': quartz 30-40%. Rest is Rosame. -at 130', quartz still high, but mariposite		175				138064 150-155' 138065 155-160' 138066 160-165' 138067 165-170' 138068 170-175'	15 15 30 35 5	.05 .06 .07 .07 .05		
has increased to 5%. Also, ≈ 30% green stone (altered → with swirling white quartz) fragments. Minor pyrite. -at 135', quartz, grey silicious chips and dark argillite / cherty argillite fragments each ≈ 1/3. Mariposite content minor (<10%) and pyrite content increasing.		200		Very pyritic		138069 175-180' 138070 180-185' 138071 185-190' 138072 190-195' 138073 195-200'	90 5 5 5 20	1.9 .09 .09 .08 .05		
140'-200' Argillite / Cherty Argillite -at 140', black altered argillite ≈ 60%, white quartz 20%, grey cherty fragments 20%. Quite pyritic, blobs and disseminations -from 145'-170': dark grey-black argillite / cherty argillite, minor quartz (1-5%) disseminated and blobs of pyrite, occasional mariposite fragment		225								
-at 170', quartz content increasing to 5% otherwise, same as 145-170'. -at 175', quartz ≈ 5-7%, dark black argillite / cherty argillite 75%, grey cherty fragments 15%. Very pyritic -at 180', grey chert fragments increasing (25%), quartz and pyrite decreasing		250		Very minor disseminated pyrite						
-at 185': dark black argillite / cherty arg. 95%. Minor quartz, grey chert, pyrite -at 190', grey chert and grey silicious altered fragments increasing. -dark [illegible] silicious fragments dominate.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-15	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
200-325' Altered Greenstone -grey to green-grey silicified rock fragments with quarte fragments and occasional bleb and dissemination of pyrite -at 200'; still some argillite (15%)		275		" " " " " "						
Also, tan-white quartz fragments (25%) with grey silicious fragments. No sulfide -at 205'; light grey to grey green silicious fragments with minor quartz (5%) -from 210'-220'; medium grey to grey green silicious fragments		300		Occasional bleb and dissemination of pyrite " " " " "		138074 280-285'	120	.106		
with minor quartz (5%) -at 220', introduction of very dark greenstone fragments with occasional cherty argillite fragment -at 225'; dark greenstone fragments dominate (70%), with quartz fragments and occasional jade green fragment -at 235; very dark fragments		325		" " " " " "						
are disappearing, still occasional jade green soapy fragment. Majority is dark grey altered greenstone and light grey-green fragments. This continues to 245'. -from 245' to 275': dark grey altered greenstone, light grey-green silicious		350		Minor Pyrite Blebs and Dissminations of Pyrite "		138075 325-330' 138076 330-335' 138077 335-340' 138078 340-345' 138079 345-350'	30 10 20 30 40	.09 1.1 1.6 2.1 2.5		
fragments and quartz each ≈ 1/3 of sample. Possibly very minor disseminated pyrite. -from 275' to 325'; light grey silicious altered greenstone fragments with light grey-green silicious fragments and white quartz chips. Occasional blrb and dissemination of fine to medium grained pyrite		375				138080 350-355' 138081 355-360' 138082 360-365' 138083 365-370' 138084 370-375'	50 290 90 30 20	2.1 1.8 1.4 2.4 2.1		
From 275-325'; very uniform with ≈ 75% grey and grey-green silicious fragments and up to 25% quartz in places.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-15	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
325'-380' Argillite/Cherty Argillite -from 325-330', minor altered greenstone left 80% grey brown spotty crystalline rock (diorite) similar in texture to 60'-85'. Minor pyrite -at 330', grey chert 80%, black argillite 15% minor quartz. Blebs and disseminations of pyrite		400				138085 375-380'	5	1.1		
						138086 380-385'	30	.08		
						138087 385-390'	10	.104		
						138088 390-395'	20	.07		
						138089 395-400'	10	.06		
-at 335', dark black altered argillite 60%, altered grey silicious fragments 20%, grey chert 20%. Minor quartz (1%). Quite pyritic. -at 340', altered grey silicious fragments (50%) dark argillite 50%. Grey silicious fragments have a "bleached" appearance.		420		420' END OF HOLE		138090 400-405'	40	.09		
						138091 405-410'	10	.06		
-at 345', black altered argillite 80% grey chert and silicious grey. "bleached" fragments are 20%. Minor quartz. Large blebs (up to 1/3") of fine to medium grained pyrite -at 350', black altered argillite 95% grey chert 5%. Fine grained disseminated pyrite.										
-at 355', argillite decreasing (75%), with chert and grey silicious fragments. Minor quartz -at 360', grey "bleached" silicious fragments 50%, argillite 40%, chert 10%. Still pyritic. -at 365', argillite increases to ≈65% grey chert 30%, quite pyritic, minor quartz										
-at 370', grey chert dominates 70%, argillite 30%. Minor quartz, pyritic. -at 375', grey chert 80%, rest is argillite 380'-410' Altered Greenstone -at 380', dark grey-green silicious altered greenstone with cherty argillite (30%) -blebs and disseminations of pyrite -this continues to 395'										

Property: Golden Sidewalk | Lat:
Claim: | Long:
HOLE #: 87-15 | Page 5 | C.

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____
DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____
DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
- from 395 to 410'; dark grey-green altered (silicious) greenstone fragments with white quartz (5%), blebs and disseminations of fine to medium grained pyrite.								
410'-420' Argillite / Cherty Argillite - from 410 -415'; altered black argillite 60%, grey chert 35% and minor quartz (5%). Minor disseminated pyrite								
- from 415 -420'; black argillite 90% with 10% grey silicious fragments/ cherty argillite. Very minor pyrite								

Property: Golden Sidewalk | Lat: | HOLE #: 87-16 | Page 1

Claim: | Long:

LOCATION | BEARING 360° | LATITUDE | CORE SIZE 5¼": Rotary | LOGGED BY Ken Spence

DATE COLLARED Nov 14/87 | LENGTH 540' | DEPARTURE | SCALE OF LOG | DATE Nov 15/87

DATE COMPLETED Nov 15/87 | DIP −60° | ELEVATION | REMARKS

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 18' 20-30' No Return 30'-160' Altered Greenstone -grey to grey-green silicified	25							
fragments, with occasional fragments of white clean quartz. Very minor occasional bleb and dissemination of fine to medium grained pyrite -from 30' to 45'; rock has been oxidized as it contains numerous	50							
rusty fragments. -from 30' to 40'; altered greenstone with 5% quartz, 15% of chips are oxidized, -at 40'; rusty fragments decreasing -at 45'; grey-green and dark grey siliceous fragments; 10-15% white quartz This stops at 50'.	75	Occasional bleb and dissemination of pyrite						
-at 50'; fragments are "bleached" color, medium grey. Occasional bleb of pyrite -from 55' to 75'; 95% grey-green "bleached" fragments. -at 75'; quartz increases (5%) and dark grey fragments increase	100	Minor pyrite blebs " " " "						
-from 80' to 110'; grey and grey-green "bleached" altered greenstone fragments Minor quartz (<1%). Minor pyrite "blebs". -from 110-120'; dark greenstone fragments (40%), with "bleached" fragments -from 120-140', dark greenstone fragments 25%, rest is grey and grey-green "bleached" altered greenstone	125	" " " "						

Property: Golden Sidewalk	Lat:	HOLE #: 87-16	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-from 140' to 160'; fragments are getting darker green color. There are still grey "bleached" fragments. 160'–185'; Serpentinized Greenstone -dark green ultrabasic with occasional soapy fragment, jade green fragment and quartz fragment, (5%), no visible sulfide -160'–180'; very uniform -from 180–185'. similar with increasing quartz content. Quartz has purplish red stain (strands) in it		150 / 175								
185'–230' Altered Greenstone -silicified, with weak listwanite alteration, occasional bleb and dissemination of pyrite -at 185'; dark grey silicious fragments with swirling quartz (60%), white quartz (30%), occasional greenstone fragment		200		Occasional bleb and dissemination of pyrite Occasional large bleb (¼") of pyrite Occasional bleb and dissemination of pyrite		138092 190-195'	5	.04		
-at 190'; fragments much greener, quartz has red stain, occasional large bleb of pyrite -at 195'; swirling quartz in grey fragments with mariposite (5%) Quartz has red stain This continues to 205' -at 205'; dark greenstone fragments (45%), lighter green fragments with swirling quartz (45%), quartz 10% (still red stain)		225		〃 〃 〃 〃 〃 〃						
-at 210'; dark greenstone 65%, white quartz with red stain 10%, rest is swirling green altered fragments. This stops at 225' -at 225'; dark greenstone, swirling green altered fragments and white quartz with red stain each ≈ 1/3		250		〃						
230–255' Serpentinized Greenstone -dark green ultrabasic with soapy, jade green and white quartz fragments -at 230'; 10% quartz -235–245'; 99% dark green ultrabasic -245–250'; quartz increasing (5%)	(No sulfide)									

Property: Golden Sidewalk	Lat:	HOLE #: 87-16	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-at 255'; 10% quartz 255'-265'; Altered Greenstone -grey-green altered siliceous fragments with swirling quartz, dark green stone fragments and white quartz with red stain. No visible sulfide		275								
-at 255'; dark greenstone 60%, quartz 20%, altered greenstone 20% -at 265'; grey altered fragments 65%, minor mariposite (10%) 265-280'; Serpentinized Greenstone -dark green ultrabasic with numerous jade green soapy fragments (15-20%) and minor quartz (<5%). No sulfide		300		Minor Pyrite (280-285') Blebs and Disseminations of fine to medium grained pyrite " " " "		138093 285-290' 138094 290-295' 138095 295-300'	5 20 60	.06 .07 .07		
280'-325' Altered Greenstone -grey and grey-green silicious fragments with white quartz, blebs and disseminations of fine to medium grained quartz -from 280-290'; abundant quartz (40%) with light green-grey fragments		325				138096 300-305' 138097 305-310'	100 40	.05 .04		
-from 290-310'; quartz decreasing, (10%), fragments darker grey, pyrite increasing -from 310-325'; dark green stone and green with swirling quartz fragments, White quartz with red stain (10%), no visible sulfide.		350				138098 325-330' 138099 330-335' 138100 335-340' 138101 340-345' 138102 345-350'	5 10 10 5 10	.05 .05 .05 .05 .06		
325-365' Altered Greenstone -listwanite alteration; dark to medium grey silicious fragments with swirling white quartz, white quartz fragments (15-20%) mariposite, blebs and disseminations of fine to medium grained pyrite		375				138103 350-355' 138104 355-360' 138105 360-365'	20 .5 5	.06 .04 .07		
-from 325-335'; mariposite 5%, dark grey fragments. -from 335-345'; mariposite decreases (2-3%), lighter grey fragments										

Property: Golden Sidewalk	Lat:	HOLE #: 87-16	Page 4	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-from 345' to 365'; mariposite increases to 5%, light and darker grey fragments 365-450'; Serpentinite/Serpentinized Greenstone; dark green ultrabasic with varying amounts of white quartz, soapy green-white fragments, jade		400								
green fragments. No visible sulfide. -from 365'-415'; quite uniform - Quartz varies from 1-5%. -at 415'; quartz increases to 10%. Lots of red stain and jasper-like fragments. -from 420-450'; unit is very uniform -at 430'; <1% quartz, otherwise,		425								
quartz ≈ 5% right to 450' 450'-520' Altered Greenstone -grey to grey-green silicious fragments with white quartz fragments, blebs and disseminations of fine to medium grained pyrite		450								
-at 450'; still some serpentinized greenstone (50%), with altered swirly fragment and quartz with red stain (10%) -at 455'; greenstone (40%) with grey green silicious fragments and 20% quartz. Minor Pyrite -from 460' to 520'; unit is uniform;		475		455' minor pyrite Blebs and disseminations of fine to coarse pyrite " "		138106 460-465' 138107 465-470' 138108 470-475	1.40 2.00 .10	.09 .08 .06		
grey to dark grey silicious fragments with minor quartz (<5%) and blebs and disseminations on fine to coarse grained pyrite -at 505'; start to pick up occasional dark fragment; becoming more		500		" " " " "		138109 475-480' 138110 480-485' 138111 485-490' 138112 490-495' 138113 495-500'	.70 .30 1.80 .20 .05	1.1 .08 .09 .06 1.0		
silicious. This continues to 520'.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-16	Page 5	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au oz/ton	Ag oz/ton	Pb %	Zn %
520'-535' Zone of Silicification -dark grey silicious fragments with grey chert, argillite/cherty argillite (5-10%) and white quartz (15-20%). Abundant pyrite.				"		138114 500-505'	30	.06		
				"		138115 505-510'	.700	.07		
				"		138116 510-515'	.60	.07		
				"		138117 515-620'	.5	.06		
		525		Abundant Pyrite		138118 520-525'	.500	1.0		
535-540 Cherty Argillite -dark grey cherty silicious fragments with very minor disseminated pyrite				"		138119 525-536'	.1600	1.2		
				"		138120 530-535'	.600	1.1		
		540		Minor disseminated pyrite		138121 535-540'	.190	1.8		
				END OF HOLE 540'						

Property: Golden Sidewalk	Lat:	HOLE #: 87-17	Page 1	C.
Claim:	Long:			

LOCATION		BEARING	360°	LATITUDE		CORE SIZE	5¼" Rotary
DATE COLLARED	Nov 15/87	LENGTH	490'	DEPARTURE		SCALE OF LOG	
DATE COMPLETED	Nov 21/87	DIP	-60°	ELEVATION		REMARKS	

LOGGED BY: K. Emerec [illegible] DATE: Nov 21/87

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing - hit bedrock at 10' 20-35' No Return 35'-65' Altered Greenstone - slightly serpentinized, dark green fragments with milky quartz		25		*note: At approximately 140' rock became extremely broken. Also, there was an incredible amount of groundwater. This suggests that a fault was hit and explains why the very dark black argillite (darky argillite) was formed.						
veinlets, numerous soapy and jade green fragments. No visible sulfide Note: rusty oxidized fragments to 60'. 65'-115' Listwanite Alteration - light grey silicious fragments with swirling quartz veinlets,		50								
larger quartz fragments, and mariposite, minor blebs and disseminations of fine grained pyrite - from 65-85', silicious fragments 80%, quartz ≈15% and mariposite 1-2% - at 75', numerous rusty, oxidized fragments (5-10%), stops at 80'		75		Minor Pyrite. "						
- from 85'-95' mariposite content up (5%), numerous rusty fragments (5-10%) - from 95'-105', mariposite decreases (2%), quartz 15-20%. Pyrite content increasing slightly. - from 105-115', similar to 85-95', mariposite 5%, rusty fragments (5-10%)		100		" " " " ".						
115'-165'; Zone of Silicification - grey silicious fragments with white quartz and blebs and disseminations of fine to medium grained pyrite - from 115'-140', very uniform, grey-light grey fragments ≈60%, quartz ≈ 40%		125		" " " Blebs and Disseminations of pyrite (Still quite low pyrite content) "		138122 100-105' 138123 105-110' 138124 110-115' 138125 115-120' 138126 120-125'	5 10 5 10 5	1.4 0.8 .07 .08 .07		
- at 140', silicious fragments become darker grey, same % as 115-140'. This continues to 155'. Pyrite increasing, slightly.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-17	Page 2	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au oz/ton	Ag oz/ton	Pb %	Zn %
-at 155'; rock is very highly silicified, lighter grey with decreasing quartz (5-10%) This stops at 165'.				"		138127 125-130'	45	.7		
				"		138128 130-135'	20	.3		
				"		138129 135-140'	10	.5		
165'-185' Listwanite Alteration - at 165', grey silicious fragments with white quartz and numerous				Pyrite increasing slightly		138130 140-145'	50	.05		
				"		138131 145-150'	60	.04		
		150								
weakly altered greenstone fragments - at 170', greenstone gone, more characteristic listwanite (grey silicious pieces with swirling quartz, quartz fragments and mariposite (2%) This stops at 180'				"		138132 150-155'	85	.03		
				"		138133 155-160'	10	.03		
				"		138134 160-165'	5	.03		
				Minor disseminated fine grained pyrite		138135 165-170'	10	.03		
- at 180', mariposite content 5%, quartz				"		138136 170-175'	5	.03		
		175								
content up (15%) and red stain on quartz. From 165-165': minor disseminated fine grained pyrite.				"		138137 175-180'	5	.04		
				"		138138 180-185'	10	.04		
185'-200' Serpentinized Greenstone - dark green fragments with numerous soapy fragments and occasional quartz fragment.										
		200								
No sulfides visible				Minor pyrite						
200'-365' Altered Greenstone (Mostly Listwanite Alteration) - at 200', grey silicious fragment with white swirling quartz, quartz fragments and minor mariposite, very minor sulfides						138139 215-220'	5	.03		
		225				138140 220-225'	5	.03		
- from 205'-215', weakly altered greenstone (still green) with swirling quartz and quartz fragments. No visible sulfids						138141 225-230'	10	.05		
						138142 230-235'	10	.04		
- from 215'- unit is Listwanite. The mariposite varies in concentration as does the color (from light to dark						138143 235-240'	15	.06		
						138144 240-245'	25	.05		
						138145 245-250'	5	.03		
		250								
grey) and pyrite content. - from 215-225', relatively weak alteration, abundant quartz (15-20%), mariposite (2-3%), minor pyrite										

Property: Golden Sidewalk	Lat:	HOLE #: 87-17	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

PIT COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
- from 225'-260'; dark grey siliceous fragments with minor mariposite (1-2%), quartz (5%) blebs and dissemination of pyrite - from 260-300'; lighter grey, otherwise the same - at 260'' quartz up (10%) - at 290'; fragments more siliceous, quartz 10%		275				138146 250-255' 138147 255-260' 138148 260-265' 138149 265-270' 138150 270-275'	10 15 5900 5 10	.03 .04 3.0 0.4 .04		
- from 300' to 345'; dark grey fragments - from 300-310'; mariposite ≈ 2% - at 310, minor mariposite <1% - from 315-325' mariposite 5% - at 325'; very minor mariposite - from 330'-345', mariposite 25% - at 345'; mariposite increases → 6-7%		300				138151 275-280' 138152 280-285' 138153 285-290' 138154 290-295' 138155 295-300'	5 10 10 880 235	.03 .08 .04 .08 .05		
This continues to 365' 365-380' Argillite / Cherts Argillite - Black argillite / cherts argillite is only 20-25%, rest is rhog grey siliceous fragments with quartz (10%) and mariposite. Blebs and dissemination of pyrite are slightly more abundant		325				138156 300-305' 138157 305-310' 138158 310-315' 138159 315-320' 138160 320-325'	10 170 60 5 20	.06 .03 1.1 .05 .05		
380'-455'; Listwanite alteration continues. Very similar to other listwanite (grey siliceous fragments with swirling quartz, quartz fragments ≈10%, mariposite 5% and quite pyritic). - at 400'' quartz has red stain. This continues to 415'.		350				138161 325-330' 138162 330-335' 138163 335-340' 138164 340-345' 138165 345-350'	15 5 95 20 50	.04 .04 .05 .04 .04		
- at 415'; altered greenstone. Alteration not as strong as ≈65% is dark green fragments with quartz wrinkles. Quartz fragments (10%) have red stain. Mariposite 1-5%, minor pyrite. This stops at 430'		375		Blebs and Dissemination of Pyrite		138166 350-355' 138167 355-360' 138168 360-365' 138169 365-370' 138170 370-375'	230 10 250 270 70	1.3 .08 1.1 1.1 0.9		

Property: Golden Sidewalk	Lat:	HOLE #: 87-17	Page 4	C.A.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-at 430'; alteration is stronger, back into listwanite. However, mariposite is low (1-2%) and pyrite is minor -at 445'; alteration getting stronger. Rock is more siliceous, quartz content has increased to 15%, pyrite increasing slightly.		400				138171 375-380'	210	10.5		
						138172 380-385'	30	10.5		
						138173 385-390'	20	10.3		
						138174 390-395'	20	10.4		
						138175 395-400'	5	10.4		
-at 450'; introduction of black, altered argillite 15%)										
455'-465' Argillite/Cherty Argillite -dark grey to black argillite/cherty argillite with minor quartz (<1%) and blebs and disseminations of pyrite.		425								
465'-490' Listwanite Alteration -similar to before (grey siliceous frags, with swirling quartz, with quartz and mariposite, blebs and disseminations of pyrite -at 465'; still some cherty argillite (20%)		450								
and mariposite 6-7% -at 470'; argillite nearly gone (5%), mariposite decreasing. -from 475-490'; very uniform typical listwanite with pyrite.		475				138176 450-455'	5	10.3		
						138177 455-460'	10	10.6		
						138178 460-465'	110	10.5		
						138179 465-470'	5	10.2		
						138180 470-475'	790	1.5		
		490		END OF HOLE (490')		138181 475-480'	2100	1.3		
						138182 480-485'	365	2.1		
						138183 485-490'	240	1.6		

Property: Golden Sidewalk	Lat:	HOLE #: 87-18	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 360° LATITUDE _____ CORE SIZE 5¼" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 21/87 LENGTH 445' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 23/87

DATE COMPLETED Nov 22/87 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 10' 20-30' No return 30'-65' Altered Greenstone - Listwanite Alteration; light to medium grey silicious fragments with shiny		25								
quartz, white quartz fragments, minor mariposite and occasional blebs and disseminations of fine to medium grained pyrite -at 30'; occasional oxidized fragment, mariposite very minor. This stops at 35'		60		Occasional "bleb" and dissemination of pyrite " " "		138184 40-45' 138185 45-50'	5 20	.05 .05		
-from 35-45'; dark and light grey silicious fragments, quartz 5-10%, mariposite 2-3%. -from 45-65'; mariposite content increases to 6-7%. Pyrite content quite low. 65'-95' Altered Greenstone - Silicified Greenstone; very silicious grey -		95		" " " " "		138186 50-55' 138187 55-60' 138188 60-65' 138189 65-70' 138190 70-75'	10 5 5 70 5	.05 .05 .05 .05 .05		
light grey fragments with 5-10% white quartz and occasional bleb and dissemination of fine-med. gr. pyrite. -at 90'; quartz fragments have red stain 95'-105' Altered Greenstone; slightly serpentinized dark green and sooty green		105		" " " "		138191 75-80' 138192 80-85' 138193 85-90'	35 30 5	.05 .05 .05		
fragments, with ≈ 5% quartz. Quartz has red stain. No visible sulfide. 105'-150' Altered Greenstone: Listwanite Alteration; same as Listwanite above, but only minor disseminated pyrite -at 105'; abundant mariposite (10%) with		125		fine disseminated pyrite						
occasional greenstone/serpentinite fragment -at 110'; still mariposite 10%, but 50% quartz. Rest is grey silicious fragments.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-18	Page 2	C.
Claim:	Long:			

LOCATION ______ BEARING ______ LATITUDE ______ CORE SIZE ______ LOGGED BY ______

DATE COLLARED ______ LENGTH ______ DEPARTURE ______ SCALE OF LOG ______ DATE ______

DATE COMPLETED ______ DIP ______ ELEVATION ______ REMARKS ______

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	FOOTAGE	STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-at 115'; numerous greenstone/serpentinized fragments -from 120-135'; weakly silicified grey-green fragments with quartz (10%) and 3-4% mariposite -at 135'; grey fragments darker, more silicified with ≈5% quartz and 2-3%		150								
mariposite. This stops at 150'. 150'-215' Altered (Silicified) Greenstone; grey and grey-green silicious fragments with white quartz, whitish-green quartz blebs and dissem-inations of pyrite and occasional		175		Blebs and Disseminated pyrite " Abundant pyrite Minor pyrite "		138194 160-165' 138195 165-170'	10 5	,05 ,05		
fragment of mariposite. -from 150'-160'; bleached grey silicious fragments (75%), with ≥5% white quartz and pyrite -at 160'; numerous dark cherty fragments abundant pyrite. This stops at 165'		200		" Blebs and disseminated fine to medium grained pyrite " " "		[illegible] 180-185' [illegible]7 185-190' [illegible]8 190-195' [illegible]199 195-200'	190 85 90 295	,06 1,3 ,08 ,07		
-from 165'-180'; numerous dark grey-green silicious fragments with ≈ 1/3 (33%) white quartz - Minor pyrite -from 180'-215'; grey to grey-green silicious fragments with 5% white-whitegreen quartz. Pyrite content increasing, occasional piece with mariposite		225		" " " Abundant pyrite "		138200 200-205' [illegible]1 205-210' [illegible]2 210-215' [illegible]03 215-220' [illegible]4 220-225'	15 25 20 10 2280	,05 ,07 ,05 ,05 1,0		
215'-225' Altered Greenstone, Listwanite Alteration; same as before, with 5% mariposite, [illegible] white quartz. Abundant pyrite. 225'-335' Argillite/Cherty Argillite		250		-Large blebs of fine to medium grained grey sulfides → [illegible]. Minor pyrite -50-60 [illegible] -5-10% [illegible] pyrite Blebs and disseminated pyrite, V-eg Pyrite "		[illegible]5 [illegible] [illegible]06 [illegible] [illegible]07 [illegible] [illegible]08 [illegible] [illegible]09 [illegible]5-250'	2410 5400 3790 600 200	2.8 2.2 2.1 1.6 2.0		
-at 225'; altered black argillite 65%, with 25% white quartz and ≈10% "blebs" of fine to medium grained Asp and Ga. Occasional blebs of pyrite.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-18	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-at 230'; altered black argillite and cherty argillite with ≈50-60% Asp and bed "blebs". No pyrite. (Fine to med grained)				"		138210 250-255'	260	3.2		
-at 235'; grey chert and black cherty argillite (10%) with 5-10% Asp and bed "blebs", minor pyrite				"		138211 255-260	35	2.2		
-at 240'; grey chert with 10% argillite and		275		"		138212 260-265'	40	1.3		
minor quartz. Blebs and disseminated pyrite				"		138213 265-270	100	1.3		
-at 245'; grey chert with ≈35% argillite. Very pyritic. From 245' right to 335';				"		138214 270-275'	110	2.2		
grey chert dominates with black argillite typically 10-20%. Quartz varies from				"		138215 275-280'	380	1.0		
0-10%. At 310'; quartz content increases				"		138216 280-285	165	1.5		
				"		138217 285-290'	420	3.1		
				"		138218 290-295'	260	2.0		
		300		"		138219 295-300'	550	2.1		
to 10% and there is the occasional piece of mariposite. At 330'; quartz				"		138220 300-305'	1940	6.5		
is ≈20-25%.				"		138221 305-310	920	7.1		
335'-340' Altered Greenstone;				"		138222 310-315	530	2.7		
Listvanite Alteration; grey silicious				"		138223 315-320	680	3.1		
fragments with 5% quartz and 6-7%		325		"		138224 320-325	505	1.4		
mariposite. Blebs and disseminated				"		138225 325-330	960	2.5		
fine to medium grained pyrite				"		138226 330-335	1900	3.6		
340'-365' Argillite/Cherty Argillite				Blebs and disseminated pyrite (not assay)		138227 335-340	260	1.09		
-at 340'; 20% altered greenstone with 20%				"		138228 340-345	480	1.6		
quartz and the rest is black altered argillite				"		138229 345-350	460	2.3		
with blebs and disseminated pyrite		350								
-from 345'-355'; black argillite (altered)				"		138230 350-355	765	3.2		
with 2-3% quartz and blebs and disseminated pyrite.				"		138231 355-360	310	2.1		
-from 355'-365'; cherty argillite with				"		138232 360-365'	265	3.2		
10% grey chert, 10% quartz and pyrite				"		138233 365-370				
365'-375' Altered Greenstone; Listvanite				"		138234 370-375	1900	2.5		
Alteration; grey silicious fragments with		375					700	1.3		
10% quartz and 4-5% mariposite. Blebs										
and disseminations of fine to medium										
grained pyrite.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-18	Page 4	C.
Claim:	Long:			

LOCATION ____ BEARING ____ LATITUDE ____ CORE SIZE ____ LOGGED BY ____

DATE COLLARED ____ LENGTH ____ DEPARTURE ____ SCALE OF LOG ____ DATE ____

DATE COMPLETED ____ DIP ____ ELEVATION ____ REMARKS ____

ROCK TYPES AND ALTERATION

375'-430' Argillite / Cherty Argillite

- from 375-400'; black argillite/cherty argillite with grey silicious chert (25-30%) and white quartz (2-3%) and blebs and disseminations of fine to medium grained pyrite. Occasional fragment has mariposite
- at 400'; same, but no mariposite
- from 405'-415'; grey chert dominant, (≈50% at 405' and 90% at 410') with 5-10% quartz and some pyrite
- at 415'; black argillite/cherty argillite ≈65% with chert 25% and quartz 10%. Abundant pyrite.
- at 420'; black argillite/cherty argillite 45%, with minor quartz. Very pyritic.
- at 425', argillite decreasing (50%), with grey silicious fragments, 10% quartz and minor mariposite. Still, [illegible] pyrite

430'-440' Altered Greenstone; Listwanite Alteration; grey sillcious fragments with swirling quartz, 5% quartz fragments, 3-5% mariposite and blebs and disseminated pyrite.

440'-445' Argillite / Cherty Argillite

- ≈45% argillite, 45% chert with 10% quartz. Blebs and disseminations of fine to med. grained pyrite.

Graphic log footage marks: 400, 425, 450

Mineralization and Structures	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
"		138235 375-380'	646	2.1		
"		138236 380-385'	570	3.8		
"		138237 385-390'	740	43.9		
"		138238 390-395'	705	5.5		
"		138239 395-400'	1700	3.7		
"		138240 400-405'	2290	8.3		
"		138241 405-410'	395	4.6		
"		138242 410-415'	155	2.3		
Very Pyritic		138243 415-420'	380	2.0		
"		138244 420-425'	530	2.6		
"		138245 425-430'	1500	6.3		
Blebs and disseminations of fine to medium grained pyrite		138246 430-435'	505	1.0		
"		138247 435-440'	2950	.08		
"		138248 440-445'	1950	4.8		
END OF HOLE 445'						

Property: Golden Sidewalk	Lat:	HOLE #: 87-19	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 130° LATITUDE _____ CORE SIZE 5¼ Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 24/87 LENGTH 280' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 25/87

DATE COMPLETED Nov 24/87 DIP -50° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 1'										
20-40' No return										
40'-110' Argillite/Cherty Argillite -grey siliceous chert and black		25								
argillite/cherty argillite in varying proportions, with occasional fragment of white quartz. Quite pyritic; blebs and disseminations of fine to medium grained pyrite. -at 40'; grey chert, argillite and occasional		50		40' Blebs and Disseminations of fine to medium grained pyrite. " Very pyritic		138249 40-45' 138250 45-50'	160 200	.07 1.0		
greenstone fragment. -from 45' to 80'; argillite ≈50% and grey cherty argillite ≈50%. Minor white quartz (1-2%). Very pyritic. -from 80' to 105'; argillite 85-90%,		75		" " " " "		138251 50-55' 138252 55-60' 138253 60-65' 138254 65-70' 138255 70-75'	145 195 85 115 150	1.2 1.1 2.4 1.1 .08		
grey siliceous chert/cherty argillite 10-15%. Minor quartz (1%). Still pyritic, but not as abundant as 45'-80' -at 105'; argillite ≈⅓, cherty argillite ≈⅓,		100		" Blebs and Disseminations of pyrite " " "		138256 75-80' 138257 80-85' 138258 85-90' 138259 90-95' 138260 95-100'	165 235 100 195 115	.08 1.0 1.0 1.3 1.1		
grey siliceous altered greenstone ≈⅓. Minor quartz, still pyritic. 110'-150' Greenstone; green medium grained volcanic (probably andesite) with occasional quartz-calcite		125		"		138261 100-105' 138262 105-110'	165 510	1.5 9.1		
fragment. No visible sulfide.										

Property: Golden Sidewalk	Lat:		HOLE #: 87-19	Page 2	C.
Claim:	Long:				

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
-at 110'; greenstone has ≈5% argillite and pyrite left from unit 40'-110'. Also, 5% grey silicified altered fragments -from 115'-130'; very uniform greenstone		150				138263 145-150'	15	1.9		
-at 130'; minor quartz calcite fragments (1-2%). This continues to 145'. -at 145'; introduction of occasional dark diorite fragments, with minor blebs and disseminated pyrite		175								
150'-255' Feldspar Porphyry Diorite; grey to grey-green diorite matrix with 1-2mm phenocrysts. Minor disseminated pyrite. Very uniform right		200								
from 150'-255'										
255'-280' Greenstone; as before, green medium grained volcanic (andesite) with occasional quartz-calcite fragment. No		225								
visible sulfide. -at 275'; unit is highly fractured		250								

Property: Golden Sidewalk	Lat:	HOLE #: 87-19	Page 3	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
		275								
		280		END OF HOLE (280')						

Property: Golden Sidewalk	Lat:	HOLE #: 87-20	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 130° LATITUDE _____ CORE SIZE 5¼ Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 25/87 LENGTH 280' DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED Nov 25/87 DIP -60° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing - hit bedrock at 2' 20-30' No Return 30'-45' Zone of Silicification; dark grey-green altered greenstone with		25								
buff grey fragments and 5% white quartz. Occasional bleb and dissemination of fine to medium grained pyrite 45'-95'; Altered Greenstone (Andesite); green to grey-green		50		Occasional bleb and dissemination of fine to medium grained pyrite. " " Quite Pyritic "		138264 30-35' 138265 35-40' 138266 40-45' 138267 45-50'	300 165 150 175	.06 1.1 1.5 5.4		
volcanic, silicified. Occasional quartz fragment, pyritic. - from 45'-60'; lighter grey-green with ≥5% quartz, quite pyritic - from 60'-70'; darker green, minor		75		" " Minor Pyrite " "		138268 50-55', 138269 55-60	1200 165	2.8 1.9		
quartz (<1%), lower pyrite content. - from 70'-85'; rock chips become increasingly darker. - at 85'; rock is dark purple-green, and is probably basalt. Minor		100		" " " " Blebs and disseminations of pyrite		138270 95-100'	140	5.4		
quartz and pyrite. - at 90'; green andesite rock fragments with 10% dark basalt? and 10% buff grey feldspathized andesite fragments		125		" Very low pyrite content " Blebs and disseminations of pyrite "		138271 100-105'	35	1.1		

Property: Golden Sidewalk	Lat:	HOLE #: 87-20	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
95'-105' Feldspathized Andesite; grey buff heavily feldspathized, fractured, with quartz-calcite, blebs and disseminations of fine to medium grained pyrite - at 100'; 10% green andesite		150		"						
105'-115' Greenstone (Andesite); green volcanic with 2-3% quartz, very minor pyrite				"		138272 150-155'	5	1.6		
				"		138273 155-160'	85	1.3		
				Very pyritic (5-7%)		138274 160-165'	100	1.4		
115'-125' Feldspathized Andesite (As above)				"		138275 165-170'	210	1.0		
		175		Blebs and Disseminations of pyrite		138276 170-175'	40	1.0		
125'-160' Altered Greenstone; grey to grey-green silicified fragments (fractured), with occasional quartz fragment and some of the feldspathized andesite. Blebs and disseminations of fine to medium grained pyrite				"						
		200		"		138277 195-200'	30	.04		
160'-170' Vein - at 160'; grey silicious fragments 40%, light buff feldspathized fragments 50%. All very fractured, filled with quartz-calcite and very pyritic (5-7%), also				"		138278 200-205'	5	3.1		
		225		"						
some fine grained, massive arsenopyrite. - at 165'; grey silicious rock 80%. Pyrite not as abundant				"		138279 230-235'	5	.06		
				"		138280 235-240	25	.07		
170'-180' Altered Greenstone; As above (from 125'-160')				Very minor disseminated fg. pyrite		138281 240-245'	5	.05		
		250		"						

Property: Golden Sidewalk	Lat:		HOLE #: 87-20	Page 3	C.
Claim:	Long:				

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
180'-235' Feldspathized Andesite -as before, (95'-105') -at 195', quartz content increasing (5%) and fragments are very silicious. Pyrite more abundant. This stops at 205'		275		" " " " " "						
-from 205-215'; very uniform feldspathized andesite -at 215'; fragments becoming darker, otherwise the same. This continues to 235'. 235'-280' Greenstone / Altered		280		END OF HOLE (280')						
Greenstone; green to light grey-green andesite, only weakly altered, fractured. Minor quartz (1-2%) and very minor disseminated fine grained pyrite. -at 235'; dark green brecciated fragments										
with occasional blebs and dissemination of pyrite. This stops at 245'. -from 245'-280' uniform andesite as described above.										

Property: Golden Sidewalk | Lat:
Claim: | Long:

HOLE #: 87-21 | Page 1 | C.

LOCATION
DATE COLLARED Nov 26/87
DATE COMPLETED Nov 26/87
BEARING 135°
LENGTH 200'
DIP -60°
LATITUDE
DEPARTURE
ELEVATION
CORE SIZE 5½" Rotary
SCALE OF LOG
REMARKS
LOGGED BY Ken Embree
DATE

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 75' 75-80' No Return 80'-155' Greenstone (Andesite)		25								
-green fine to medium grained volcanic with occasional blebs and disseminations of fine to medium grained pyrite and pyrrhotite. Very minor quartz calcite veinlets		50								
-from 120'-125'; pyrite content increased to 1-2%, large (up to ½" dia.) fragments of fine to medium grained pyrite. Pyrrhotite content slightly increased		75								
-from 125'-140'; same greenstone as 80-120' (little sulfide) -at 140'; pyrite content increasing -at 145'; introduction of grey,		100		Occasional blebs and disseminations of fine to medium grained pyrite, pyrrhotite " " "						
silicious fragments of altered greenstone (2-3%) with minor quartz (<1%) and pyrite and pyrrhotite -at 150'; grey silicious fragments increasing (10%), quartz		125		" " " " Sulfide content increased (1-2%)		138282 120-125'	25	3.8		
increasing (5%), sulfides increasing.										

Property: Golden Sidewalk	Lat:	HOLE #: 87-21	Page 2	C.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
155'-165' Vein				Blebs and disseminations of py, po						
-grey silicified, altered greenstone (brecciated) with ≈5% quartz, very pyritic (4-5% pyrite blebs up to 1/3" diameter and disseminated fine grained pyrite) with minor				"						
				"						
				"		138283 140-145'	5	4.1		
		150		"		138284 145-150'	10	4.3		
disseminated pyrrhotite and arsenopyrite.				"		138285 150-155'	50	3.6		
-at 160'; same, but ≈15-20% greenstone fragments				Very pyritic, disseminated po, asp		138286 155-160'	575	1.8		
				"		138287 160-165'	510	4.0		
165'-200' Greenstone (Andesite)				Disseminated f.g. py, po		138288 165-170'	35	3.6		
		175		"		138289 170-175'	65	3.6		
-same as before (80'-155')				"		138290 175-180'	10	4.1		
-at 165'; still ≈5% grey silicified greenstone fragments from vein, with quartz 2-3% and blebs and disseminations of py, po.				"						
				"						
				"						
		200		"						
-from 170'-200'; greenstone (Andesite) with minor disseminated, fine grained pyrite and pyrrhotite.				END OF HOLE (200')						

Property: Golden Sidewalk	Lat:	HOLE #: 87-22	Page 1	C.
Claim:	Long:			

LOCATION _____ BEARING 160° LATITUDE _____ CORE SIZE 5¼" Rotary LOGGED BY Ken Embree

DATE COLLARED Nov 27/87 LENGTH 300' DEPARTURE _____ SCALE OF LOG _____ DATE Nov 27/87

DATE COMPLETED Nov 27/87 DIP -50° ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
0-20' Casing -hit bedrock at 15' 20-30' No Return 30-40' Greenstone; medium grey		25								
to grey-green andesite, with minor quartz and disseminated pyrite and pyrrhotite. 40'-225' Dacitic Fragmental;		50								
grey to dark grey, brecciated and infilled along 1mm-1cm fractures by buff colored quartz carrying fine to medium grained pyrite and pyrrhotite.		75								
-at 220'; introduction of white quartz (10%) and light grey siliceous fragments (10%) to dacitic fragmental. Blebs of fine to medium grained pyrite.		100								
225'-230' Vein; brecciated light grey country rock with white quartz and calcite (25-30%). Blebs of fine to		125								
medium grained pyrite (2-3%), disseminated fine grained pyrite, pyrrhotite.										

Property: Golden Sidewalk	Lat:		HOLE #: 87-22	Page 2	
Claim:	Long:				

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION	GRAPHIC LOG: FOOTAGE	GRAPHIC LOG: STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
230-300' Dacitic Fragmental (asabove, 40'-225'		150								
		175								
		200								
		225				138291 215-220'	25	1.08		
						138292 220-225'	260	1.10		
		250				138293 225-230'	385	1.05		
						138294 230-235'	115	1.06		
						135295 235-240'	20	1.01		

Property: Golden Sidewalk	Lat:	HOLE #: 87-22	Page 3	c.
Claim:	Long:			

LOCATION _____ BEARING _____ LATITUDE _____ CORE SIZE _____ LOGGED BY _____

DATE COLLARED _____ LENGTH _____ DEPARTURE _____ SCALE OF LOG _____ DATE _____

DATE COMPLETED _____ DIP _____ ELEVATION _____ REMARKS _____

ROCK TYPES AND ALTERATION	GRAPHIC LOG: ROCK TYPE / ALTERATION / FOOTAGE / STRUCTURE	MINERALIZATION AND STRUCTURES	Recovery	Sample # & Length	Au ozs/ton	Ag ozs/ton	Pb %	Zn %
	275							
	300							
		END OF HOLE (300')						

APPENDIX C

1987 Rotary Drilling Programme

Geochemical Analysis and Assay Certificates

COMPANY: MANHATTEN MINERAL
PROJECT NO: GOLDEN SIDEWALK
ATTENTION: C.J.SAMPSON

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

FILE NO: 7-1946/P1+2
* TYPE ROCK GEOCHEM * DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
B7 3 110-115	.9	18	44	35	3	41	5
B7 3 210-215	.7	11	3	18	1	24	5
B7 3 205-210	.8	11	7	20	1	23	10
B7 3 215-220	.8	15	6	23	1	26	5
B7 3 25-30	1.2	32	35	41	3	51	10
B7 3 30-35	1.0	19	21	20	2	25	10
B7 3 35-40	.8	17	16	20	3	19	10
B7 3 40-45	.7	16	32	17	4	19	30
B7 3 45-50	.9	14	30	20	3	16	5
B7 3 50-55	.7	16	6	20	2	17	5
B7 3 55-60	.9	14	7	19	1	22	5
B7 3 60-65	.8	14	5	21	3	22	5
B7 3 65-70	.7	14	6	19	2	22	5
B7 3 70-75	.9	16	12	21	2	26	10
B7 3 75-80	.7	8	5	15	1	16	5
B7 3 80-85	.8	16	7	23	3	25	10
B7 3 85-90	.7	16	5	20	4	18	10
B7 3 90-95	.9	12	1	17	2	16	10
B7 3 95-100	.8	16	4	19	4	16	5
B7 3 100-105	.8	17	4	20	3	16	5
B7 3 105-110	.7	15	1	20	3	15	5
B7 3 110-115	.8	15	7	19	3	15	5
B7 3 115-120	.9	12	29	20	3	14	10
B7 3 120-125	.8	10	13	19	2	13	10
B7 3 125-130	1.0	51	42	34	1	73	45
B7 3 130-135	1.6	129	80	92	1	512	120
B7 3 135-140	1.3	90	42	56	1	103	125
B7 3 140-145	1.2	100	37	88	3	153	205
B7 3 145-150	4.8	459	81	181	56	257	1500
B7 3 150-155	2.3	220	62	144	30	387	210
B7 3 155-160	1.2	156	49	98	2	124	155
B7 3 160-165	1.1	55	54	132	1	249	55
B7 3 165-170	1.4	86	66	145	1	291	40
B7 3 175-180	.8	30	66	60	1	101	60
B7 3 170-175	1.1	138	65	118	1	231	30
B7 3 180-185	1.3	91	65	306	1	340	140
B7 3 185-190	2.3	190	68	250	13	445	250
B7 3 190-195	4.1	404	75	134	35	794	375
B7 3 200-205	.4	291	33	52	2	99	165
B7 3 195-200	3.3	487	63	594	14	577	320
B7 3 205-210	.9	227	70	59	1	91	295
B7 3 210-215	1.5	142	121	74	1	115	415
B7 3 215-220	1.2	78	85	89	1	209	260
B7 3 220-225	1.1	109	101	53	1	101	250
B7 3 225-230	1.5	63	90	72	3	202	80
B7 3 230-235	1.7	68	79	85	5	186	85
B7 3 235-240	.8	297	29	71	2	115	175
B7 3 240-245	.3	330	22	30	2	35	130
B7 3 245-250	.3	364	29	37	5	49	60
B7 3 250-255	1.5	389	69	50	17	101	180
B7 3 255-260	1.5	125	59	15	10	42	120
B7 3 260-265	1.8	316	98	53	26	90	275
B7 3 265-270	2.2	189	82	55	30	103	240
B7 3 270-275	4.3	1246	65	223	54	626	255
B7 3 275-280	2.4	174	77	51	30	142	190
B7 3 280-285	2.4	138	79	40	18	88	100
B7 3 285-290	1.8	316	71	72	26	185	205
B7 3 290-295	1.3	101	58	22	13	75	110
B7 3 295-300	1.6	194	59	75	8	163	175
B7 3 300-305	1.7	163	43	153	5	235	245

COMPANY: MANHATTEN MINERAL — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1946/P3-4

ATTENTION: C.J.SAMPSON — (604)980-5814 OR (604)988-4524 — + TYPE ROCK GEOCHEM + — DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
87 3 305-310	3.8	244	66	122	7	176	550
87 3 310-315	1.6	141	94	27	5	69	390
87 3 315-320	1.1	87	78	39	8	98	150
87 3 320-325	1.8	36	80	182	5	140	135
87 3 325-330	3.1	144	101	512	22	327	310
87 3 330-335	1.0	175	59	69	7	72	225
87 3 340-345	1.2	116	60	74	6	113	115
87 3 335-340	1.9	199	104	126	10	174	300
87 3 345-350	1.5	308	66	233	2	175	230
87 4 65-70	.6	22	10	25	3	18	15
87 4 70-75	.4	40	12	22	3	13	10
87 4 75-80	.4	46	24	23	3	15	30
87 4 80-85	.6	46	33	23	2	18	35
87 4 85-90	.6	57	26	23	2	16	20
87 4 90-95	.5	59	21	23	1	16	10
87 4 95-100	.7	19	18	31	4	34	5
87 4 100-105	.7	268	33	21	2	24	60
87 4 105-110	2.7	558	47	205	2	854	450
87 4 110-115	7.9	401	87	475	1	1559	480
87 4 115-120	1.1	149	63	54	1	154	135
87 4 120-125	1.2	106	75	34	2	100	65
87 4 125-130	.9	66	69	16	1	80	50
87 4 130-135	.9	60	59	21	1	76	30
87 4 135-140	.7	76	56	26	2	91	35
87 4 140-145	.9	98	59	16	3	92	40
87 4 145-150	1.2	171	78	12	1	87	160
87 4 150-155	1.7	132	59	126	2	208	155
87 4 155-160	7.3	1000	172	1207	8	1348	2050
87 4 160-165	3.5	258	140	402	8	478	330
87 4 165-170	2.3	75	136	84	6	346	100
87 4 90-95	.5	10	11	17	4	21	5
87 4 95-100	.6	85	36	19	3	18	10
87 4 155-160	.5	19	4	21	1	23	10
87 4 160-165	.5	18	2	27	1	28	5
87 4 170-175	.5	16	2	24	1	22	5
87 4 170-175	1.3	52	56	43	1	131	50
87 4 170-175	.5	16	5	22	1	18	5
87 4 175-180	.5	16	5	15	3	17	5
87 4 175-180	1.4	79	78	20	3	122	60
87 4 180-185	.5	24	11	26	1	20	10
87 4 180-185	1.6	432	110	26	1	115	165
87 4 185-190	.5	22	8	21	1	16	10
87 4 190-195	.8	18	4	26	2	19	70
87 4 195-200	.5	15	7	22	2	14	5
87 4 200-205	.7	18	9	21	1	14	25
87 4 205-210	.5	41	40	24	2	14	5
87 4 210-215	.5	24	14	21	2	13	15
87 4 215-220	.6	123	12	29	4	20	185
87 4 220-225	.7	155	10	19	5	14	60
87 4 225-230	.8	136	8	19	1	12	40
87 4 230-235	.5	92	7	20	2	11	30
87 4 235-240	.5	61	7	20	3	13	40
87 4 240-245	.8	181	17	22	4	18	160
87 4 245-250	.8	167	22	36	1	23	120
87 4 250-255	.7	166	19	50	2	20	70
87 4 255-260	1.3	375	30	169	3	124	110
87 4 260-265	1.1	392	32	145	1	163	90
87 4 265-270	1.3	340	32	150	2	112	185
87 4 270-275	1.1	344	39	72	4	53	75
87 4 275-280	7.2	353	120	1760	1	1566	180

COMPANY: MANHATTEN MINERAL — MIN-EN LABS ICP REPORT — CERT:FILE PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1946/PS+6

ATTENTION: C.J.SAMPSON — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
87 4 280-285	1.8	95	61	323	2	394	45
87 4 285-290	.7	30	55	33	1	43	15
87 4 290-295	1.3	15	96	11	1	27	10
87 4 295-300	1.3	10	109	12	1	25	5
87 4 185-190	2.0	1012	157	16	2	195	240
87 4 190-195	1.8	145	102	51	1	153	370
87 4 195-200	1.1	57	58	16	1	95	80
87 4 200-205	1.5	44	82	16	1	131	55
87 4 205-210	1.1	59	45	11	1	91	35
87 4 210-215	1.5	114	65	10	1	79	195
87 4 215-220	1.3	105	65	32	1	105	115
87 4 220-225	1.7	42	85	41	1	119	105
87 4 225-230	2.7	99	88	126	2	213	185
87 4 230-235	1.8	177	70	95	2	156	160
87 4 235-240	1.4	76	68	46	2	94	90
87 4 240-245	1.5	74	72	36	3	64	55
87 4 245-250	1.1	61	56	51	2	69	30
87 4 250-255	1.2	57	59	30	1	75	20
87 4 255-260	1.7	116	41	61	1	174	285
87 5 30-35	.5	33	8	25	1	22	10
87 5 35-40	.7	25	7	26	1	17	130
87 5 40-45	.8	31	9	27	2	13	110
87 5 45-50	.5	32	17	24	2	12	30
87 5 50-55	.5	38	36	25	2	11	20
87 5 55-60	.6	60	20	24	2	10	90
87 5 60-65	.5	82	12	22	1	11	60
87 5 65-70	.8	149	16	23	1	13	180
87 5 70-75	.5	107	14	23	3	13	25
87 5 75-80	.5	116	7	20	1	12	60
87 5 80-85	.8	98	4	26	2	12	245
87 5 85-90	.7	99	5	15	4	14	160
87 5 90-95	.7	76	3	19	1	11	170
87 5 95-100	.6	112	4	16	3	12	140
87 5 100-105	.9	59	12	14	3	14	65
87 5 105-110	.9	37	20	16	3	15	155
87 5 110-115	.9	50	26	14	3	15	50
87 5 115-120	.9	54	23	15	3	15	45
87 5 120-125	.8	58	17	18	1	15	65
87 5 125-130	.8	86	22	15	2	14	35
87 5 130-135	.9	77	15	16	1	14	40
87 5 135-140	1.6	414	19	101	1	237	140
87 5 140-145	8.3	15678	65	816	17	2004	2750
87 5 145-150	3.0	1186	67	175	3	469	435
87 5 150-155	2.4	411	79	87	6	188	90
87 5 155-160	7.0	1229	76	779	7	753	295
87 5 160-165	5.7	500	114	827	31	792	280
87 5 165-170	9.0	506	115	534	143	764	200
87 5 170-175	4.7	95	54	92	46	122	195
87 5 175-180	4.5	157	67	82	69	134	110
87 5 180-185	2.5	211	34	68	17	98	135
87 5 185-190	2.9	1215	92	75	10	212	295
87 5 190-195	3.2	170	92	79	1	350	110
87 5 195-200	1.8	116	53	35	2	101	50
87 5 200-205	2.1	178	66	24	5	110	45
87 5 205-210	1.8	160	57	18	3	116	50
87 5 210-215	1.6	256	39	19	3	95	60
87 5 215-220	1.8	39	58	12	1	74	65
87 5 220-225	1.4	127	33	16	1	78	75
87 5 225-230	1.5	83	42	24	2	64	50
87 5 230-235	1.5	82	39	19	4	75	40

COMPANY: MANHATTEN MINERAL | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1946/P7+8

ATTENTION: D.J.SAMPSON | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
87 5 235-240	1.4	111	36	30	5	88	5
87 5 240-245	1.5	121	39	117	6	169	70
87 5 245-250	2.0	134	59	202	4	216	340
87 6 30-35	.6	63	9	21	1	20	5
87 6 35-40	.6	56	10	14	1	17	5
87 6 40-45	.6	69	9	17	1	17	5
87 6 45-50	.7	54	10	19	1	17	5
87 6 50-55	.7	83	10	25	1	13	5
87 6 55-60	.9	56	14	17	2	16	5
87 6 60-65	.8	73	11	15	1	16	10
87 6 65-70	1.2	180	13	50	1	158	140
87 6 70-75	10.1	1424	107	867	4	2012	900
87 6 75-80	1.7	522	30	139	4	199	460
87 6 80-85	2.1	232	53	140	1	196	120
87 6 85-90	1.5	113	50	50	2	132	80
87 6 90-95	1.3	83	31	35	1	87	30
87 6 95-100	1.4	103	59	15	5	96	130
87 6 100-105	1.3	36	68	14	2	94	20
87 6 105-110	1.1	29	82	12	1	85	10
87 6 110-115	1.4	22	99	11	2	95	5
87 6 115-120	1.2	16	59	13	2	87	5
87 6 120-125	1.4	68	50	16	2	72	70
87 6 125-130	2.2	211	71	50	4	137	195
87 6 130-135	9.8	1116	210	494	30	3759	625
87 6 135-140	3.4	318	83	151	7	417	210
87 6 140-145	2.2	51	45	96	7	329	40
87 6 145-150	2.1	2003	49	99	20	219	560
87 6 150-155	5.2	2053	156	322	17	945	880
87 6 155-160	5.0	1143	133	260	61	758	520
87 6 160-165	2.0	293	56	38	6	108	315
87 6 165-170	4.4	274	91	400	170	381	295
87 6 170-175	3.5	138	106	227	87	342	160
87 6 175-180	3.1	98	133	213	63	358	120
87 6 180-185	2.1	77	91	110	20	234	200
87 6 185-190	2.5	117	70	77	9	164	40
87 6 190-195	2.6	1260	59	114	18	531	130
87 6 195-200	2.4	131	106	85	17	324	60
87 6 200-205	1.8	108	115	52	15	265	70
87 6 205-210	3.0	115	71	128	24	395	420
87 6 210-215	3.9	214	93	374	23	413	170
87 6 215-220	3.3	112	105	336	25	275	160
87 6 220-225	2.0	134	56	147	37	146	130
87 6 225-230	2.2	253	48	159	53	164	210
87 6 230-235	4.0	184	59	403	149	283	260
87 6 235-240	4.1	261	67	219	103	220	850
87 6 240-245	4.0	490	75	682	189	628	620
87 6 245-250	2.3	206	56	97	46	84	330
87 7 45-50	.4	1	5	15	1	20	20
87 7 50-55	.5	3	5	9	3	21	10
87 7 55-60	.5	4	3	9	1	18	5
87 7 60-65	.5	1	8	13	1	12	5
87 7 65-70	.5	13	9	20	1	12	10
87 7 70-75	1.2	15	166	16	3	28	5
87 7 75-80	1.2	49	80	21	4	56	70
87 7 80-85	.9	11	31	15	4	17	20
87 7 85-90	.5	14	4	11	3	13	10
87 7 90-95	.4	6	3	13	1	18	10
87 7 95-100	.6	6	4	19	1	27	25
87 7 110-115	.4	3	3	12	1	11	10
87 7 115-120	.5	1	3	14	1	14	5

COMPANY: MANHATTEN MINERAL
PROJECT NO: GOLDEN SIDEWALK
ATTENTION: D.J.SAMPSON

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

(ACT#:F31) PAGE 1 OF 1
FILE NO: 7-1946/P9+10
* TYPE ROCK GEOCHEM * DATE:DEC 2, 1987

(VALUES IN PPM)

	AG	AS	CU	PB	SB	ZN	AU-PPB
87 7 120-125	.5	1	2	13	1	13	5
87 7 125-130	.5	4	2	17	2	9	10
87 7 130-135	.5	12	1	16	1	9	5
87 7 135-140	19.0	126	489	3841	4	925	2300
87 7 140-145	1.6	121	25	64	3	16	50
87 7 145-150	1.5	168	41	37	1	13	5
87 7 150-155	3.2	376	31	60	3	109	345
87 7 155-160	.6	173	6	35	1	14	10
87 7 160-165	1.8	173	9	60	17	15	40
87 7 165-170	1.3	328	6	38	88	10	50
87 7 170-175	1.2	239	5	44	31	14	70
87 7 175-180	1.8	384	11	77	67	14	65
87 7 180-185	1.6	233	16	59	27	13	15
87 7 185-190	.8	66	8	25	4	12	50
87 7 190-195	.7	30	8	34	1	10	5
87 7 195-200	.9	46	10	16	3	13	80
87 8 75-80	36.5	9693	377	4054	278	8556	7200
87 8 80-85	5.6	989	62	527	83	682	605
87 8 85-90	3.6	2553	47	188	27	157	980
87 8 90-95	2.0	569	26	100	5	117	50
87 8 95-100	1.6	476	24	51	7	63	65
87 8 100-105	1.7	492	25	77	6	99	90
87 8 105-110	1.2	428	21	26	1	46	100
87 8 110-115	1.1	465	23	20	1	15	730
87 8 115-120	1.2	281	16	36	3	28	85
87 8 120-125	1.3	757	24	43	3	58	410
87 8 125-130	10.7	3296	90	286	6	778	8000
87 8 130-135	5.0	1378	72	112	5	589	3200
87 8 135-140	3.3	1303	47	213	6	481	570
87 8 140-145	2.6	544	28	156	3	492	90
87 8 145-150	6.0	259	112	218	44	2229	180
87 8 150-155	5.7	152	101	162	43	1896	150
87 8 155-160	3.2	558	52	287	38	1353	120
87 8 160-165	1.2	405	19	94	8	709	80
87 8 165-170	1.3	479	21	26	3	38	80
87 8 170-175	2.4	510	27	31	3	40	90
87 8 175-180	1.2	307	24	41	19	62	90
87 8 180-185	1.1	302	11	22	16	24	40
87 8 185-190	1.5	424	22	27	2	29	60
87 8 190-195	1.8	501	22	29	7	27	150
87 8 195-200	1.5	466	21	24	5	24	60
87 8 30-35	1.2	270	17	22	6	35	90
87 8 35-40	.9	215	9	21	2	28	40
87 8 40-45	.9	323	11	19	2	20	70
87 8 45-50	.9	360	11	20	6	23	45
87 8 50-55	.9	419	19	29	4	24	360
87 8 55-60	.6	324	21	24	7	19	30
87 8 60-65	.9	352	21	33	26	29	40
87 8 65-70	176.2	11264	663	7095	1488	10827	51000
87 8 70-75	97.2	12310	1460	10085	1202	14523	24500
87 9 65-70	1.5	136	14	114	3	159	70
87 9 70-75	.9	70	14	46	2	81	50
87 9 75-80	.5	100	4	24	5	25	40
87 9 80-85	.7	61	4	18	4	22	30
87 9 85-90	.7	94	2	22	1	23	60
87 9 90-95	.7	124	3	27	5	20	60
87 9 95-100	.3	31	1	25	2	24	40
87 9 100-105	.3	17	1	19	5	28	30
87 9 105-110	.6	19	1	20	3	30	40
87 9 110-115	.6	25	2	14	1	28	35

COMPANY: MANHATTEN MINERAL — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1946/P11+12

ATTENTION: C.J.SAMPSON — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
B7 9 115-120	.6	140	6	40	4	16	5
B7 9 120-125	.6	39	4	12	4	16	5
B7 9 125-130	.5	18	9	21	3	26	10
B7 9 130-135	.5	10	3	17	4	22	5
B7 9 135-140	.3	8	3	12	2	24	5
B7 9 140-145	.5	11	3	17	3	26	5
B7 9 145-150	.3	18	2	10	1	16	5
B7 9 150-155	.6	57	12	20	1	14	5
B7 9 155-160	.7	42	24	24	4	20	10
B7 9 160-165	.4	55	18	21	1	20	20
B7 9 165-170	3.0	869	40	104	4	147	6100
B7 9 170-175	9.5	4131	116	686	3	451	8000
B7 9 175-180	.6	186	13	51	1	28	780
B7 9 180-185	.9	170	9	29	3	22	320
B7 9 185-190	.7	88	9	14	1	11	30
B7 9 190-195	.7	99	16	15	4	19	40
B7 9 195-200	.7	115	12	18	4	15	30
B7 9 200-205	.7	104	15	23	4	17	50
B7 9 205-210	.8	138	19	19	2	17	140
B7 9 210-215	.9	57	9	17	2	12	30
B7 9 215-220	.8	20	5	12	1	18	10
B7 9 220-225	.9	21	7	22	2	27	10
B7 9 225-230	.6	9	3	16	1	14	20
B7 9 230-235	.7	24	3	20	1	14	30
B7 9 235-240	.6	13	4	18	4	13	20
B7 9 240-245	.7	17	4	15	4	16	15
B7 9 245-250	.8	20	7	18	4	16	10
B7 10 230-235	.7	1	30	14	3	22	5
B7 10 235-240	.8	1	47	17	2	11	5
B7 10 240-245	.6	4	10	16	2	13	5
B7 10 245-250	.6	50	14	18	1	17	45
B7 11 30-35	1.1	17	73	10	7	145	10
B7 11 35-40	1.6	148	118	15	2	92	100
B7 12 45-50	.8	75	11	17	4	16	60
B7 12 100-105	4.0	445	31	153	13	249	540
B7 12 105-110	11.6	4186	37	93	63	2453	3000
B7 12 110-115	4.4	833	33	46	13	312	400
B7 12 115-120	26.0	6772	73	355	202	11270	5000
B7 12 120-125	10.1	1215	45	151	82	1814	1240
B7 12 125-130	2.3	459	19	47	41	255	220
B7 12 130-135	1.2	328	16	18	1	36	80
B7 12 135-140	63.3	11872	160	1353	699	12397	3600
B7 12 140-145	121.0	25563	228	2114	1210	19607	9000
B7 12 145-150	60.3	15159	85	1029	643	5272	3750
B7 12 150-155	30.1	7843	102	340	272	9881	3000
B7 12 155-160	11.1	1611	52	105	67	2432	540
B7 12 160-165	26.7	8678	50	382	308	1142	3100
B7 12 165-170	35.5	7459	56	334	257	949	3000
B7 12 170-175	5.7	1081	15	118	78	386	370
B7 12 175-180	1.2	234	5	22	3	40	150
B7 12 180-185	1.3	205	5	21	9	41	90
B7 12 185-190	1.0	113	7	27	3	38	70
B7 12 210-215	.6	33	6	19	4	22	50
B7 12 240-245	2.0	483	11	33	1	75	250
B7 12 245-250	35.2	165	2	17	9	17	240
B7 12 250-255	.9	31	2	17	3	18	80
B7 12 255-260	.8	17	1	16	3	18	90
B7 12 260-265	.6	8	1	19	3	13	30
B7 12 265-270	.6	15	3	17	1	17	35
B7 12 270-275	.8	122	4	14	2	16	75

COMPANY: MANHATTEN MINERAL | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1946/P13+14

ATTENTION: C.J.SAMPSON | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:DEC 2, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
B7 12 275-280	1.3	156	3	19	16	22	90
B7 12 280-285	.8	111	2	21	5	55	85
B7 12 285-290	.9	38	3	17	4	20	10
B7 12 290-295	.7	85	3	21	1	18	5
B7 12 295-300	2.0	244	19	26	8	93	140
B7 12 315-320	2.5	128	28	100	7	709	1100
B7 12 360-365	1.3	40	14	22	2	91	30
B7 12 405-410	.7	14	2	19	3	21	5
B7 12 425-430	.9	32	2	19	1	18	5
B7 12 430-435	.9	48	2	16	18	14	10
B7 12 435-440	.6	24	2	18	3	15	35
B7 12 440-445	1.0	89	3	16	3	16	115
B7 12 445-450	.9	51	4	16	1	15	310
B7 12 450-455	.9	86	16	33	4	83	60
B7 12 455-460	1.2	25	17	16	2	89	40
B7 12 470-475	2.2	881	21	37	15	205	280
B7 13 55-60	.9	25	15	19	2	16	20
B7 13 60-65	.9	234	29	24	1	63	210
B7 13 65-70	.9	446	23	18	3	66	1200
B7 13 70-75	1.2	293	33	19	4	73	70
B7 13 75-80	.9	331	20	14	3	93	110
B7 13 80-85	1.2	231	27	14	2	610	160
B7 13 85-90	.9	57	11	12	1	87	130
B7 13 90-95	1.0	23	14	16	1	85	70
B7 13 95-100	1.2	100	18	17	2	236	50
B7 13 145-150	1.2	210	15	27	4	116	110
B7 13 150-155	.8	70	10	18	3	51	330
B7 13 155-160	.6	40	6	16	4	15	5
B7 13 225-230	.7	16	1	20	3	22	5
B7 13 230-235	.9	70	3	20	4	19	10
B7 13 235-240	2.0	343	14	31	2	28	210
B7 13 240-245	.9	221	5	23	34	25	220
B7 13 245-250	.7	65	2	19	1	15	70
B7 13 300-305	.5	9	9	23	1	28	30
B7 14 45-50	8.3	3128	24	212	40	302	600
B7 14 50-55	19.0	7173	39	628	62	373	9100
B7 14 55-60	1.9	1115	14	106	13	123	230
B7 14 60-65	3.3	1407	18	73	16	67	380
B7 14 65-70	6.4	1285	37	61	15	1325	700
B7 14 70-75	9.5	1529	33	87	27	4604	3200
B7 14 75-80	1.6	415	7	24	6	252	200
B7 14 80-85	17.7	3887	33	133	61	3918	1740
B7 14 85-90	20.7	4162	34	125	51	3206	940
B7 14 90-95	1.4	548	9	24	4	109	80
B7 14 95-100	5.0	3322	20	81	26	394	440
B7 14 100-105	8.4	5369	28	141	49	755	800
B7 14 105-110	18.2	8755	47	297	122	7681	4000
B7 14 110-115	1.7	1309	8	35	2	956	330
B7 14 115-120	1.4	293	7	22	1	286	210
B7 14 120-125	10.8	849	79	1039	16	1634	2450
B7 14 125-130	2.5	344	35	165	1	359	220
B7 14 130-135	12.8	6438	36	139	30	7039	4000
B7 14 135-140	26.8	5520	44	188	34	9271	2750
B7 14 140-145	4.2	1185	20	57	8	453	2050
B7 14 145-150	12.4	3455	14	91	5	95	2750
B7 14 185-190	.6	40	4	20	3	33	60
B7 14 190-195	.5	22	4	17	2	23	50
B7 14 195-200	.7	31	7	17	2	20	50
B7 14 200-205	.7	44	15	19	1	29	45
B7 14 205-210	.6	16	16	18	1	15	40

COMPANY: MANHATTEN MINERAL — MIN-EN LABS ICP REPORT — (ACT:F31) PAGE 1 OF 1
PROJECT NO: GOLDEN SIDEWALK — 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 — FILE NO: 7-1946/P15+16
ATTENTION: C.J.SAMPSON — (604)980-5814 OR (604)988-4524 — * TYPE ROCK GEOCHEM * — DATE:DEC 3, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
B7 14 210-215	.8	53	89	80	4	138	55
B7 14 215-220	7.6	351	177	403	16	3402	930
B7 14 220-225	.6	57	33	31	45	46	20
B7 14 225-230	.5	70	11	27	21	77	30
B7 14 230-235	.7	197	14	25	136	63	20
B7 14 235-240	.5	66	65	27	1	88	45
B7 14 240-245	.4	26	67	17	2	32	280
B7 14 245-250	.3	25	12	22	1	26	10
B7 14 330-335	.2	20	7	19	3	12	15
B7 14 335-340	.6	77	4	22	1	12	60
B7 14 340-345	.8	100	12	24	3	39	70
B7 14 345-350	.9	409	22	24	1	13	140
B7 14 350-355	1.4	132	103	23	4	20	25
B7 14 355-360	2.7	250	17	30	1	972	195
B7 14 360-365	46.6	7767	60	1325	453	11036	1840
B7 14 385-390	5.7	841	20	225	60	1094	495
B7 14 390-395	2.0	185	42	36	2	2194	195
B7 14 395-400	1.3	2970	21	31	4	642	470
B7 14 430-435	1.1	83	30	16	1	164	50
B7 15 85-90	.7	20	52	11	3	64	20
B7 15 90-95	1.0	10	46	7	1	39	10
B7 15 95-100	1.1	15	50	11	1	47	5
B7 15 100-105	1.4	42	47	26	4	68	5
B7 15 135-140	.8	91	35	57	6	48	20
B7 15 140-145	.5	37	35	23	1	50	5
B7 15 145-150	.8	14	14	15	1	41	20
B7 15 150-155	.5	16	12	10	1	34	15
B7 15 155-160	.6	13	14	12	1	39	15
B7 15 160-165	.7	18	20	17	1	55	30
B7 15 165-170	.7	15	19	17	1	43	35
B7 15 170-175	.5	15	16	17	1	50	5
B7 15 175-180	1.9	84	42	190	1	271	90
B7 15 180-185	.9	43	54	24	1	80	5
B7 15 185-190	.9	23	49	27	3	62	5
B7 15 190-195	.8	26	46	52	1	121	5
B7 15 195-200	.5	41	25	27	5	45	20
B7 15 280-285	.6	340	24	16	2	12	120
B7 15 325-330	.9	30	35	14	2	37	30
B7 15 330-335	1.1	33	50	13	1	79	10
B7 15 335-340	1.6	47	63	14	5	91	20
B7 15 340-345	2.1	28	80	14	5	92	30
B7 15 345-350	2.5	99	66	29	46	103	40
B7 15 350-355	2.1	85	61	24	4	99	50
B7 15 355-360	1.8	49	55	21	4	84	40
B7 15 360-365	1.4	30	44	21	1	57	10
B7 15 365-370	2.4	49	70	28	2	88	30
B7 15 370-375	2.1	44	52	29	1	75	20
B7 15 375-380	1.1	14	36	39	1	74	5
B7 15 380-385	.8	164	17	24	1	21	30
B7 15 385-390	.4	124	9	15	1	19	10
B7 15 390-395	.7	79	12	14	1	17	20
B7 15 395-400	.6	113	12	13	2	13	10
B7 15 400-405	.5	139	15	17	3	15	40
B7 15 405-410	.6	144	16	16	3	17	10
B7 16 190-195	.4	10	3	15	2	18	5
B7 16 285-290	.6	54	3	14	4	14	5
B7 16 290-295	.7	220	22	25	2	14	20
B7 16 295-300	.7	269	25	19	1	15	60
B7 16 300-305	.5	39	21	16	1	56	100
B7 16 305-310	.3	117	24	17	3	39	40

COMPANY: MANHATTEN MINERAL
PROJECT NO: GOLDEN SIDEWALK
ATTENTION: C.J.SHMPSON

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

(ACT-F31) PAGE 1 OF 1
FILE NO: 7-1946/P1
* TYPE ROCK GEOCHEM * DATE:DEC 4, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
87 16 325-330	.5	6	2	19	2	31	5
87 16 330-335	.5	3	2	17	3	14	10
87 16 335-340	.5	15	2	16	2	14	10
87 16 340-345	.5	91	6	18	2	39	5
87 16 345-350	.6	101	7	19	1	35	10
87 16 350-355	.6	16	1	16	3	20	20
87 16 355-360	.5	3	1	14	1	15	5
87 16 360-365	.7	5	3	19	3	25	5
87 16 460-465	.9	127	17	20	3	19	140
87 16 465-470	.8	71	9	21	2	12	200
87 16 470-475	.6	17	1	19	2	10	10
87 16 475-480	1.1	113	13	20	3	17	570
87 16 480-485	.5	49	7	15	2	24	30
87 16 485-490	.9	169	12	16	1	21	180
87 16 490-495	.6	144	14	19	3	16	20
87 16 495-500	1.0	220	15	21	4	15	5
87 16 500-505	.6	256	21	14	3	34	30
87 16 505-510	.7	310	20	17	3	69	1700
87 16 510-515	.7	131	17	19	2	14	60
87 16 515-520	.6	100	20	17	1	15	5
87 16 520-525	1.0	552	30	26	1	69	500
87 16 525-530	1.2	722	29	20	3	44	1600
87 16 530-535	1.1	405	24	24	2	19	600
87 16 535-540	.8	306	24	19	2	22	190

COMPANY: MANHATTEN MINERAL
PROJECT NO: GOLDEN SIDEWALK
ATTENTION: CHRIS SAMPSON

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

(ACT:F31) PAGE 1 OF 1
FILE NO: 7-1995R/P1+2
* TYPE ROCK GEOCHEM * DATE:DEC 10, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB	
138 122	1.4	7	8	66	5	32	5	100-105 ft
138 123	.8	14	8	56	7	22	10	
138 124	.7	6	5	51	7	17	5	
138 125	.8	116	14	56	13	17	10	
138 126	.7	151	13	53	12	16	5	HOLE 87-17
138 127	.7	226	18	49	16	12	45	
138 128	.3	246	13	48	13	13	20	
138 129	.5	94	16	50	12	14	10	
138 130	.5	129	8	52	19	37	50	
138 131	.4	110	19	45	9	15	60	
138 132	.3	11	5	40	9	11	85	
138 133	.3	1	9	40	6	10	10	
138 134	.3	2	2	41	8	15	5	
138 135	.3	7	1	44	6	26	10	
138 136	.3	6	1	49	6	23	5	
138 137	.8	9	8	59	9	38	5	
138 138	.4	8	5	50	5	20	10	
138 139	.3	3	1	39	4	17	5	
138 140	.3	8	2	41	6	17	5	
138 141	.5	53	15	43	7	15	10	
138 142	.4	1	15	45	8	14	10	
138 143	.6	48	14	44	6	14	15	
138 144	.5	38	22	42	7	15	25	
138 145	.3	9	19	45	6	17	5	
138 146	.3	8	14	44	7	13	10	
138 147	.4	4	6	44	5	14	15	
138 148	3.0	418	28	140	9	210	5900	260-265 ft
138 149	.4	51	5	48	7	21	5	
138 150	.4	134	7	45	7	17	10	
138 151	.3	81	8	41	6	15	5	275-280 ft
138 152	.8	109	15	53	8	22	10	
138 153	.4	190	16	50	12	17	10	
138 154	.8	890	20	49	16	16	880	
138 155	.5	467	12	49	8	16	235	
138 156	.6	53	6	47	8	14	10	
138 157	.3	39	8	45	7	14	170	
138 158	1.1	25	7	46	7	16	60	
138 159	.5	23	5	41	8	15	5	
138 160	.5	36	6	47	8	15	20	
138 161	.4	32	4	46	8	13	15	
138 162	.4	63	7	49	12	15	5	
138 163	.5	74	9	45	9	14	95	
138 164	.4	82	12	44	7	13	20	
138 165	.4	169	9	45	13	14	50	
138 166	1.3	399	30	42	14	19	230	
138 167	.8	210	30	49	15	24	10	
138 168	1.1	552	22	46	14	22	250	
138 169	1.1	515	43	55	11	62	270	
138 170	.9	363	22	44	12	17	20	
138 171	.5	303	21	45	10	17	210	
138 172	.5	104	6	44	12	45	30	
138 173	.3	93	8	45	10	17	20	
138 174	.4	129	23	45	11	15	20	
138 175	.4	7	6	43	8	13	5	
138 176	.3	61	9	47	12	15	5	
138 177	.6	270	14	49	26	16	10	
138 178	.5	326	15	51	26	21	110	
138 179	.6	200	8	44	31	18	5	
138 180	1.5	595	41	56	37	59	790	
138 181	1.3	974	24	50	27	50	2100	475 - 480

COMPANY: MANHATTEN MINERAL
PROJECT NO: GOLDEN SIDEWALK
ATTENTION: CHRIS SAMPSON

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

(ACT:F31) PAGE 1 OF 1
FILE NO: 7-1995R/P3+4
* TYPE ROCK GEOCHEM * DATE:DEC 10, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB	
138 182	2.1	498	18	61	25	42	365	480-485(Ft) HOLE 87-17
138 183	1.6	375	26	83	23	57	240	485-490
138 184	.5	23	6	47	10	18	5	40-45
138 185	.5	61	5	50	10	18	20	
138 186	.5	50	5	40	9	15	10	
138 187	.5	22	6	43	10	14	5	
138 188	.5	36	7	48	10	14	5	
138 189	.5	44	5	46	10	15	70	
138 190	.5	83	4	39	13	13	5	
138 191	.5	98	4	44	12	14	35	
138 192	.5	83	6	45	10	15	30	
138 193	.5	105	9	49	11	16	5	
138 194	.5	1	37	36	4	33	10	
138 195	.5	1	49	46	10	16	5	
138 196	.6	8	5	40	7	13	190	
138 197	1.3	10	9	48	12	24	85	
138 198	.8	9	9	44	10	15	90	
138 199	.7	5	7	41	10	12	295	
138 200	.5	8	9	46	10	11	15	
138 201	.7	8	6	42	10	11	25	
138 202	.5	18	17	47	11	13	20	
138 203	.5	23	17	45	6	11	10	
138 204	1.0	608	33	72	11	189	2280	220-225 ft
138 205	2.8	6694	45	328	23	615	2410	225-230 ft
138 206	2.2	33807	8	93	77	198	5400	230-235 ft
138 207	2.1	32190	23	79	70	146	3790	235-240 ft
138 208	1.6	7951	45	46	19	108	600	
138 209	2.0	879	83	37	2	169	200	
138 210	2.2	1215	84	45	3	149	260	
138 211	2.2	260	109	49	2	140	35	
138 212	1.3	201	79	69	2	99	40	
138 213	1.3	249	62	142	3	184	100	
138 214	2.2	72	141	189	2	432	110	HOLE 87-18
138 215	1.0	297	45	75	2	136	380	
138 216	1.5	629	62	150	6	327	165	
138 217	3.1	1390	71	244	8	1413	420	
138 218	2.0	711	74	105	8	200	260	
138 219	2.1	472	108	134	5	208	550	
138 220	6.5	674	137	354	5	4052	1940	300-305 ft
138 221	7.1	693	139	352	5	4199	920	
138 222	2.7	551	83	183	5	1597	530	
138 223	3.1	579	72	355	10	731	680	
138 224	1.4	361	58	245	10	296	505	
138 225	2.5	1112	63	253	15	1151	960	
138 226	3.6	1229	78	300	16	1315	1900	330-335 ft
138 227	.9	484	48	82	19	86	260	
138 228	1.6	545	60	133	9	384	480	
138 229	2.3	357	114	131	11	203	460	
138 230	3.2	586	76	226	8	543	785	
138 231	2.1	236	85	134	5	285	310	
138 232	3.2	255	93	156	8	576	265	
138 233	2.5	1081	64	259	17	448	1900	365-370 ft
138 234	1.3	716	41	149	21	358	700	
138 235	2.1	541	71	289	16	538	640	
138 236	3.8	386	78	285	8	2816	570	
138 237	43.9	654	97	3256	146	945	240	
138 238	5.5	1264	72	595	30	1073	705	
138 239	3.7	1097	81	517	20	516	1700	395-400 ft
138 240	8.3	939	157	876	16	1722	2290	400-405 ft
138 241	4.6	480	91	373	19	564	395	

COMPANY: MANHATTEN MINERAL | MIN-EN LABS ICP REPORT | (ACT:F31) PAGE 1 OF 1

PROJECT NO: GOLDEN SIDEWALK | 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2 | FILE NO: 7-1995R/P5+6

ATTENTION: CHRIS SAMPSON | (604)980-5814 OR (604)988-4524 | * TYPE ROCK GEOCHEM * | DATE:DEC 10, 1987

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB	
138 242	2.3	223	54	185	17	274	155	HOLE 87-18 425-430 ft.
138 243	2.0	188	42	234	7	267	380	
138 244	2.0	265	42	210	9	225	530	
138 245	6.3	592	98	1085	21	1165	1500	
138 246	1.0	763	29	135	24	121	505	
138 247	.8	1653	29	101	29	85	2950	435-440 ft
138 248	4.8	1359	77	722	28	1238	1950	440-445 ft.
138 249	.7	269	48	59	3	122	160	
138 250	1.0	265	45	76	5	107	200	
138 251	1.2	484	58	85	3	145	145	
138 252	1.1	973	48	48	3	100	195	
138 253	2.4	497	46	172	6	114	85	
138 254	1.1	503	53	109	2	200	115	
138 255	.8	394	48	59	1	140	150	
138 256	.8	609	49	50	4	336	165	
138 257	1.2	548	62	56	3	421	235	HOLE 87-19
138 258	1.0	278	39	37	2	150	100	
138 259	1.3	442	52	180	4	227	195	
138 260	1.1	287	57	126	4	361	115	
138 261	1.5	204	77	263	9	381	65	
138 262	9.1	751	155	1349	43	3166	510	
138 263	1.9	15	39	71	3	157	15	
138 264	.6	37	55	86	5	252	300	
138 265	1.1	37	62	50	2	326	165	
138 266	1.5	50	149	40	2	512	150	
138 267	5.4	71	85	232	30	258	175	HOLE 87-20
138 268	2.8	54	87	78	5	418	1200	
138 269	1.9	29	96	73	7	271	165	
138 270	5.4	42	100	1120	8	1860	140	
138 271	1.1	11	52	92	4	204	35	
138 272	1.6	11	82	46	5	644	5	
138 273	1.3	11	61	41	3	380	85	
138 274	1.4	20	87	33	2	2631	100	
138 275	1.0	15	69	38	2	1579	210	
138 276	1.0	3	82	51	2	1003	40	
138 277	.4	1	20	37	1	364	30	
138 278	3.1	4	23	191	11	283	5	
138 279	.6	12	32	32	2	119	5	
138 280	.7	19	21	37	1	87	25	
138 281	.5	13	36	28	2	100	5	
138 282	3.8	3	135	14	10	76	25	HOLE 87-21
138 283	4.1	8	59	21	9	155	5	
138 284	4.3	5	47	20	11	115	10	
138 285	3.6	14	64	18	10	126	50	
138 286	1.8	1521	64	13	411	120	575	
138 287	4.0	931	47	62	118	246	510	
138 288	3.6	127	52	33	33	430	35	
138 289	3.6	53	66	26	18	1377	65	
138 290	4.1	20	61	22	15	384	10	
138 291	.8	148	68	11	78	82	25	
138 292	1.0	1124	52	43	205	155	260	HOLE 87-22
138 293	.5	1130	33	32	86	114	385	
138 294	.6	487	67	21	42	131	115	
138 295	.6	152	52	9	16	57	20	

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of ASSAY

Company:MANHATTEN MINERAL
Project:GOLDEN SIDEWALK
Attention:C.J.SAMPSON

File:7-1946/P1
Date:DEC 9/87
Type:PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
87 3 145-150	5.8	0.17	1.48	0.043
87 4 155-160	7.7	0.22	2.19	0.064
87 5 140-145	10.2	0.30	4.17	0.122
87 6 70-75	11.7	0.34	1.41	0.041
87 6 130-135	10.2	0.30	1.07	0.031
87 6 150-155	6.3	0.18	1.26	0.037
87 6 235-240	4.2	0.12	.58	0.017
87 6 240-245	4.1	0.12	.81	0.024
87 7 135-140	25.8	0.75	3.07	0.090
87 8 75-80	44.2	1.29	15.20	0.443
87 8 125-130	14.1	0.41	5.19	0.151
87 8 130-135	5.8	0.17	1.02	0.030

	Ag	Au
87-8 65-80 15 FE	3.47	0.93

Certified by

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of ASSAY

Company:MANHATTEN MINERAL
Project:GOLDEN SIDEWALK
Attention:C.J.SAMPSON

File:7-1946/P2
Date:DEC 9/87
Type:PULP ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
87 8 65-70	201.0	5.86	58.30	1.700
87 8 70-75	112.3	3.28	23.20	0.677
87 9 165-170	3.7	0.11	9.49	0.277
87 9 170-175	12.2	0.36	38.70	1.129
87 12 105-110	11.1	0.32	4.18	0.122
87 12 115-120	25.8	0.75	7.66	0.223
87 12 120-125	9.8	0.29	1.19	0.035
87 12 135-140	63.4	1.85	3.86	0.113
87 12 140-145	131.5	3.84	10.12	0.295
87 12 145-150	63.8	1.86	3.93	0.115
87 12 150-155	30.2	0.88	3.78	0.110
87 12 160-165	28.2	0.82	3.04	0.089
87 12 165-170	39.8	1.16	3.81	0.111
87 12 315-320	2.7	0.08	1.42	0.041
87 13 65-70	2.0	0.06	1.03	0.030
87 14 50-55	24.7	0.72	12.90	0.376
87 14 70-75	10.6	0.31	3.42	0.100
87 14 80-85	18.9	0.55	1.76	0.051
87 14 85-90	23.4	0.68	1.69	0.049
87 14 105-110	19.8	0.58	3.38	0.099
87 14 120-125	12.0	0.35	2.59	0.076
87 14 130-135	13.9	0.41	5.18	0.151
87 14 135-140	26.8	0.78	2.79	0.081
87 14 140-145	3.9	0.11	1.47	0.043
87 14 145-150	14.5	0.42	3.22	0.094
87 14 215-220	9.1	0.27	1.81	0.053
87 14 360-365	53.6	1.56	3.13	0.091
87 14 385-390	5.8	0.17	.61	0.018
87 16 505-510	2.1	0.06	1.82	0.053
87 16 525-530	1.9	0.06	1.67	0.049

	Ag	Au
165-175 10ft	0.24	0.69
135-155 20ft	2.10	0.15

Certified by

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE:(604)980-5814 OR (604)988-4524 TELEX:VIA USA 7601067 UC

Certificate of ASSAY

Company:MANHATTEN MINERAL
Project:GOLDEN SIDEWALK
Attention:C.J.SAMPSON

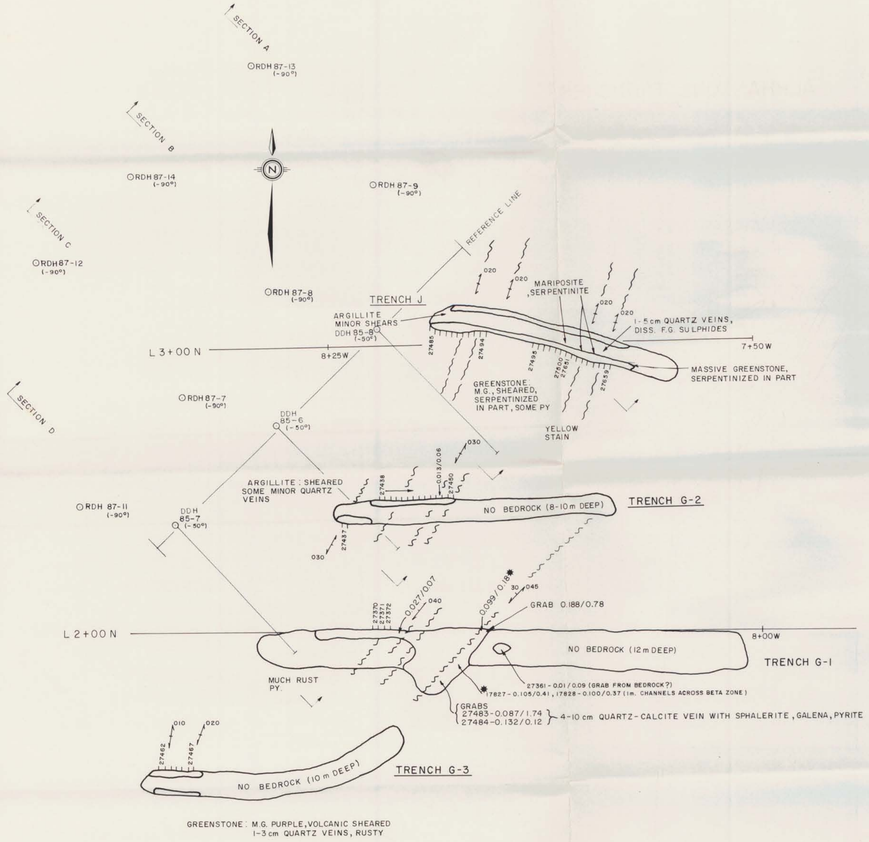
File:7-1995/P1
Date:DEC 15/87
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	ft.	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	RDH.
138 148	260-265	5.7	0.17	10.50	0.306	HOLE 87-17
138 181	475-480	3.3	0.10	2.35	0.069	
138 204	220-225	2.1	0.06	2.06	0.060	
138 205	225-230	4.2	0.12	2.80	0.082	
138 206	230-235	3.0	0.09	5.21	0.152	
138 207	235-240	2.2	0.06	3.22	0.094	RDH HOLE.
138 220	300-305	6.9	0.20	1.21	0.035	
138 226	330-335	4.3	0.13	1.82	0.053	87-18
138 233	365-370	4.0	0.12	2.25	0.066	
138 239	395-400	4.2	0.12	1.60	0.047	
138 240	400-405	10.8	0.32	2.20	0.064	
138 245	425-430	8.1	0.24	1.40	0.041	
138 247	435-440	1.9	0.06	2.68	0.078	
138 248	440-445	6.3	0.18	2.00	0.058	

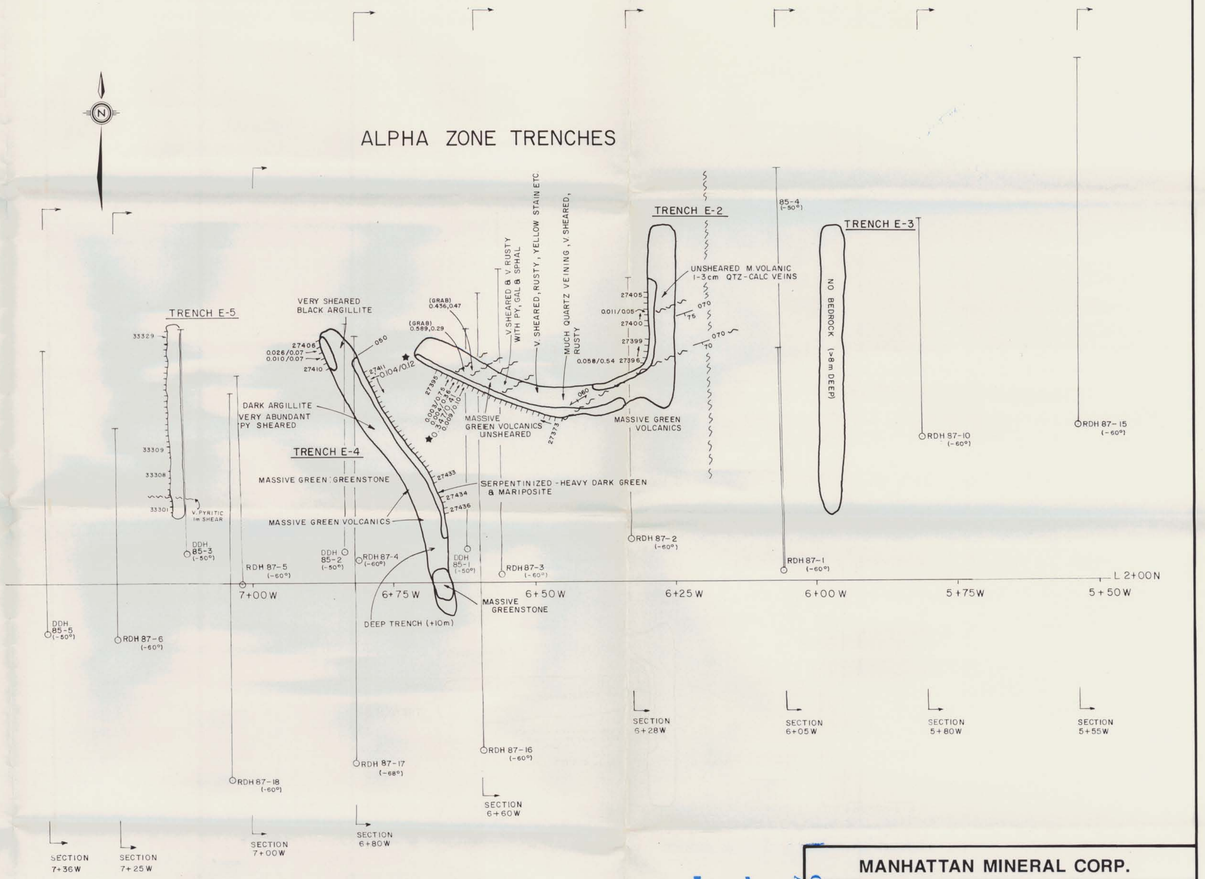
Certified by _____

MIN-EN LABORATORIES LTD.



BETA ZONE TRENCHES

ALPHA ZONE TRENCHES



LEGEND:

0.099/0.18 oz./t. GOLD / oz./t. SILVER

NOTE: SAMPLES TAKEN AT 1 METRE SAMPLE INTERVALS

17,062

GEOLOGICAL BRANCH ASSESSMENT REPORT

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS: 92J/15W

DETAIL OF TRENCHES SHOWING DRILL HOLE LOCATIONS

0 10 20 40

SCALE IN METRES

DATE: DEC., 1987

BY: C.J. SAMPSON P.Eng./rwr

FIGURE NO. 4

TYAUGHTON LAKE

L.C.P.

L 5382

L 8572

L1670

L 5383

BASE LINE

TV MICROWAVE TOWER

TRENCH L

TRENCH A

TRENCH B

TRENCH F

TRENCH C (NO BEDROCK)

GRAVEL ROAD

PEERLESS ZONE

83-6

RDH 87-19

83-4,5

RDH 87-20

83-7

30-40°

ADIT

TRENCH K

TRENCH J

E TRENCHES

E1 E2 E3 E4

(NO BEDROCK)

E-5

TRENCH G2

TRENCH G

TR.G-3

BETA ZONE

0.099 oz Au 0.18 oz Ag/1m

0.188 oz Au 0.78 oz Ag / Grab sample

ALPHA ZONE

0.293 oz Au 0.26 oz Ag/1m

0.436 oz Au 0.47 oz Ag } Grab samples

0.589 oz Au 0.29 oz Ag

FOR DRILL HOLE LOCATIONS SEE TRENCH PLAN FIGURE___

TRENCH H

TRENCH I (NO BEDROCK)

TRENCH D

TRENCH M

B.C. TEL MICROWAVE TOWER

ALL WEATHER GRAVEL ROAD

122° 45' 00"

L7N L6N L5N L4N L3N L2N L1N L0O L1S L2S L3S L4S L5S L6S L7S L8S L9S

12W 10W 8W 6W 4W 2W 2E 4E

3900 3700 3500 3400 3300 3200 3100 3000 2900 2800

LEGEND:

1	GREENSTONE ANDESITE OR BASALT FLC
1A	CHERT: MASSIVE, PALE CREAM, BUFF
1B	ARGILLITE
1C	PYROCLASTIC
2	DIORITE PORPHYRY
3	LEUCOCRATIC DIORITE
4	FELSITE DYKE
OUTCROP	qv's QUARTZ VEINS
FLOAT	Serp SERPENTINIZED
TRENCH	

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK PROPERTY

LILLOOET MINING DIVISION, B.C. NTS:92J/15W

GEOLOGY MAP

0 50 100 200

SCALE IN METRES

DATE: DEC., 1987

BY: C.J. SAMPSON P.Eng./rwr

FIGURE No. 3

365.7m TO L.C.P.

36+00W
900S.

TO TYAUGHTON LAKE ROAD

83-6

BULLDOZER CUT

83-4
83-5

RDH 87-19
(-50°)

N

ARGILLITE

GREENSTONE

VEIN

B.C.D.M. 1937 1.1m (3.7 ft.)
Tr Au, 0.4 Ag, 1.5 Zn

FELSPAR PORPHYRY DIORITE

8301-0.028, 0.2, 0.35, 1.18 HW
8302-0.008, 0.1, 0.12, 0.45 VEIN
8303-0.002, 0.02, 0.02, 0.04 FW

8311-0.008, 0.02, 0.02, 0.19 HW
8312-0.081, 1.77, 0.26, 5.74 VEIN
8313-0.007, 0.05, 0.01, 0.13 FW

8316-0.005, 0.05, 0.05, 0.11 VEIN
8318-0.002, 0.02, 0.03, 0.06 HW
8319-0.007, 0.05, 0.01, 0.03 FW

GREENSTONE: FELSPATHIZED AND BLEACHED QTZ AND CALCITE VEINING DISSEM. PY RUSTY

RDH 87-20
(-60°)

8305-0.02, 0.02, 0.12, 3.78 FW
8306-0.372, 1.59, 0.97, 2.34 VEIN
8307-0.268, 1.02, 0.41, 7.58 HW

8308-0.01, 0.01, 0.03, 0.18 FW
8309-0.259, 3.58, 2.14, 15.49 VEIN
8310-0.002, 0.02, 0.04, 0.26 HW

8323-0.015, 0.05, 0.04, 0.06 VEIN
8322-0.016, 0.04, 0.02, 0.03 FW

8314-0.009, 0.04, 0.01, 0.06 HW
8315-0.056, 0.35, 0.25, 1.18 VEIN

BULLDOZER CUT

GREENSTONE MASS. DK. GN. WELL FRAC.

83-7

8317-0.044, 0.2, 0.05, 0.31 VEIN
8320-0.015, 0.08, 0.02, 0.03 HW
8321-0.016, 0.05, 0.02, 0.03 HW

GREENSTONE (ANDESITE)

8339-0.005, 0.10, 0.05, 0.24 HW
8440-0.035, 0.38, 0.36, 0.70 VEIN
8441-0.015, 0.10, 0.04, 0.43 FW

GREENSTONE (ANDESITE) FRACTURED, DISSEM. IRREG. 1-2 CM. CALCITE VEINS, PY.

UPPER ADIT

8343-0.003, 0.05, 0.03, 0.08 HW
8344-0.198, 4.71, 1.95, 21.65 VEIN
8345-0.010, 0.05, 0.03, 0.17 FW

B.C.D.M. 1937 17.8 cm. (7 in.)
0.28 oz. Au 2.7 oz. Ag 10.4 Zn

TYAUGHTON LAKE ROAD

GREENSTONE (ANDESITE) RUSTY WEATHERING FRACTURED INFILLED WITH QTZ CALCITE VEINS (1-2 CM)

MORE MAFIC DK. GREEN

GY. TO PALE GREY, MUCH FG. DISSEM PY.

ADIT

FELDSPAR PORPHYRY DIORITE

NO BEDROCK (gray till)

GREENSTONE MASSIVE, GREEN

TRENCH (K)

27695

0.014/0.03
0.020/0.05

27679-0.015/0.01

27680-0.017/0.01

CHERT & ARGILLITE V. FRACTURED

0.013/0.01
0.017/0.01

ARGILLITE OR CHERTY ARGILLITE

27660

DUMP

METRES 0 5 10 15 METRES

NOTE: TRENCH K - ASSAYS REPORTED AS oz./t. GOLD / oz./t. SILVER
SAMPLE INTERVAL = 1 METRE

LEGEND

0.002	0.02	0.02	0.04
GOLD	SILVER	LEAD	ZINC
oz./ton	oz./ton	%	%

FW FOOTWALL

HW HANGING WALL

FIGURE 5

MANHATTAN MINERAL CORP.

GOLDEN SIDEWALK
(PEERLESS) PROPERTY

PLAN OF ADIT AND DIAMOND DRILL HOLES

DATE: OCT. 1983 REVISED: JULY 1985	SCALE 1:250	BY C. SAMPSON

REVISED: DEC., 1987