MAP NO: 106E\2

ASSESSMENT REPORT: X

DOCUMENT NO: 093225

PROSPECTUS:

MINING DISTRICT: Mayo

CONFIDENTIAL: X

TYPE OF WORK: Diamond drilling

OPEN FILE:

REPORT FILED UNDER: Pamicon Developments Limited

DATE PERFORMED: September 1, 1994

DATE FILED: November 24, 1994

LATITUDE: 65°11'N

AREA: Fairchild Lake

LONGITUDE: 134°38'W

VALUE:

CLAIM NAME AND #: Anthea 4

WORK DONE BY: Dave Caulfield

WORK DONE FOR: Pamicon\Westmin\Newmont JV

DATE TO GOOD STANDING	

REMARKS: Log for Drill Hole GM94-3. This hole intersected a vein zone at 24.7 meters which consisted of siderite-quartz-chlorite-ankerite alteration with >20% sulphides mainly pyrite and chalcopyrite. A 7.1 meter section assayed 4.98% Cu, 367 ppb Au, 21.5 ppm Ag, 484 ppm Co from 23.5 to 30.6 meters. Total depth of hole was 196.6 meters.

Indian and Northern Affairs Canada | Affaires indiennes et du Nord Canada

M.R. file no.

R.M.M.R. file no.

Date forwarded 6 Dec. 94

TRANSMITTAL FORM

From ▶ Mining Recorder at: Mayo

To ▶ Regional Manager, Mineral Rights at Whitehorse, Y.T.

OFFICE OF THE REGIONAL MANAGER MINERAL RIGHTS DEC 12 1994 WHITEHORSE YUKON TERRITORY

For action are:

- ☐ NEW APPLICATION FOR PLACER LEASE TO PROSPECT — Name
- ☐ RENEWAL APPLICATION PLACER LEASE TO PROSPECT — Name — Lease no.
- ☐ AFFIDAVIT OF EXPENDITURE ON PLACER LEASE — Name — Lease no.
- ☐ SECURITY DEPOSIT
- ☐ FINANCIAL ABILITY
- ☐ ASSIGNMENT OF PLACER LEASE NO. — From — To
- ☐ GROUPING APPLICATION UNDER SEC. 52(2) PLACER MINING ACT. — Owner
- ☑ DIAMOND DRILL LOGS — Claims: Anthea 1-30 — Claim sheet no.: 106-E-2
- ☐ QUARTZ ASSESSMENT REPORT — Claims — Claim sheet no.
  - Type of report — Submitted by
  - Cls. work performed on — $ req. for ren. application

Please return one copy of numbered report and card index for our files.
Thank you.

Signature

Date returned

REPLY ACTION

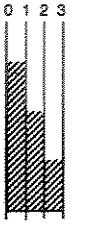
Signature

802-37 (7-88)

PAMICON DEVELOPMENTS LIMITED

DRILL LOG

PROJECT: GREMLIN	GROUND ELEV.: 980m
HOLE NO.: GM94-03	BEARING: 160°
LOCATION: GREMLIN GRID 9909E 5320N (referenced to 10000E, 5000N) CLAIM Anthea 4. UTM 7229969mN 517574mE	DIP: -70°
	TOTAL LENGTH: 196.6m
LOGGED BY: D. A. CAULFIELD	HORIZONTAL PROJECT: 67.2m
DATE: SEPTEMBER 5, 1994	VERTICAL PROJECT: 184.7m
CONTRACTOR: FALCON DRILLING	ALTERATION SCALE
CORE SIZE: NTW	
DATE STARTED: SEPTEMBER 1, 1994	
DATE COMPLETED: SEPTEMBER 3, 1994	TOTAL SULPHIDE SCALE
DIP TESTS: NONE - EQUIPMENT (SPERRY SUN) BROKE DOWN; NO TEST TUBES FOR ACID TEST	

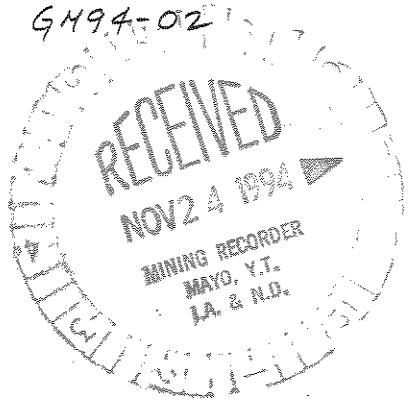


absent
slight
moderate
intense

traces only
< 1%
1% – 3%
3% – 10%
> 10%

COMMENTS

REDRILL FROM SAME SITE AS GM94-02



All core is stored at Copper Point air strip on the Slab 153 mineral claim (106D/16).

LEGEND ABBREVIATIONS

ROCK TYPES

Sh - Shale
SLST - Siltstone
MDST - Mudstone
Bht - Heterolithic breccia

ALTERATION MINERALS

AK - Ankerite
SD - Siderite
CL - Chlorite
CA - Calcite
AB - Albite
QZ - Quartz
BI - Biotite
FL - Fluorite

SULPHIDE/OXIDE MINERALS

MC - Malachite
JA - Jarosite
GE - Geothite
MG - Magnetite
PY - Pyrite
CP - Chalcopyrite
CO - Cobaltite
CP - Chalcopyrite

PROJECT: GREMLIN

HOLE NO. GM94-03

DEPTH (m)	% CORE REC	RQD
5.5	96	39
6.5	100	7
8.5	45	5
10.0	93	17
11.6	88	74
14.6	95	70
17.7	98	72
20.7	97	42
23.8	97	76
26.8	93	82
29.9	100	83
32.9	100	74
36.0	98	84
39.0	100	74
	95	66
	82	70
	96	72

LITHOLOGY: Sh. (3.1–10.4); Bht (breccia)

STRUCTURE notes: 45° S_o; 45° S_o; AB alt^d; 0° S_o; AB alt^d; ground core, fault?; vein bx.? PY. SAB intense fracturing 45° JA, GE, MC chalcanthite; 65° 13.3–15.5 MG diss. CP, PY diss. 25°; PY, CP. crackled, bx^d vein bx. AB frags. QZ, CL, AK matrix. 13.3–15.5; 70°?; 80° GE, MC stained fracts. 75°; 35° semi-mass. CP-SD v. 15.5–20.5; 65° semi-mass. CP-PY SD-CL-AK-QZ v. 20.5–24.7 – QZ-CL-CP veining 70° SDv. semi-mass. 20° PY-CP. QZ-CL-PY-CP veining 70° – SD-CP-PY v.; AK 45°, 30° 24.7–30.6 multitudes of AK+/-PY veinlets; 35° SD CL v.; AK v. CL. 20°; 40° S_o; zebra textured; 70° AP cleavage?; S_o 50°; 75° S_o

GEOLOGICAL DESCRIPTION

ALTERATION columns: SD (A), AK (B), CL (C), CA (D), AB (E); FRACTURE INTENSITY; % VEIN QTZ; RQD

Ø – 3.1 OVB

3.1 – 10.4 black shale; thinly laminated, alternating black to grey horizons, broken core; GE on fracture surfaces.

8.8–9.0, 9.2–10.4 – buff white AB alt^d shale

10.4 – 13.3 SAB vein/alt^d zone; intensely fractured bx^d appearance; strong surface weathering – JA > GE, chalcanthite, white, sectile mineral (SO_4^{-2}?) developed on fractures; s PY mineralization, upper contact is broken.

13.3 – 15.5 Bht. – orangish colour due to surface weathering of AK alt^d; ghost-like fragment boundaries in part, corroded otherwise; frags → AB, matrix-supported; "intrusive" AK, AB w/ CL mostly weathered out, diss. PY, CP mixed Bht, crackled AB^zd sediments, QZ-AK veinlets, fracture filling + CP, PY

20.5 – 24.7 Bht. – (mixed bx^td sediments? large frags?); patchy QZ flooding & as spotted oval shaped grains. both silicified (QZ?) & AB alt^d frags. & rare purplish HE alt^d frags; similar AK-AB-CL matrix w/ CP, PY as above

24.7 – 30.6 VEIN ZONE – SD-QZ-CL-AK alt^d, > 20% sulphides – PY, CP

24.7 – 24.9 – 15 cm; semi mass. to massive S"-SD – CP >> PY.

24.9 – 25.4 – QZ-stockworked sh.

25.4 – 26.8 – semi-mass. CP >> PY, w/ SD-rich & QZ-stockwk. alt^d

26.8 – 27.6 QZ-CL stckwk. CP > PY

27.6 – 29.0 – semi-massive PY > CP, SD v.

29.0 – 29.9 – QZ-AK stckwk PY = CP

29.9 – 30.6 – SD v – 1-2% CP

30.6 – 45.9 QZ-AK-CL stockwork in bl. sh., in part silicified, SD, AK, CL, veins +/- PY, CP

PAGE 2 OF 10	PROJECT:	HOLE NO. GM94-03

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu (ppm)	ASSAYS Co (ppm)	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	MAG SUSC. x10⁻³ cgs units	SCINT cps
3.1 - 10.4 tr. PY		3.1	4.5	1.4	8710	148	27	<5	<0.2	<5	100-150
		4.5	6.0	1.5	11	105	63	<5	<0.2		
		6.0	7.0	1.0	12	135	14	<5	<0.2		
		7.0	8.5	1.5	13	275	18	<5	<0.2		
		8.5	10.4	1.9	14	774	28	<5	<0.2		80-100
10.4 - 13.3 - 7-10% PY, tr. CP in SAB alt'd zone		10.4	11.6	1.2	15	341	159	75	2.4		
10.4 - 11.0 - 35% PY, chalcanthite		11.6	13.3	1.7	16	2930	104	35	1.6	10	
along fractures, JA>76E										15 5-10	
weathering; MC - 13.0-13.3		13.3	14.9	1.6	17	1690	26	10	<0.2	30-650 5000	
13.3 - 15.5 - 1-2% PY, 0.5% CP diss. in BHt.		14.9	15.5	0.6	18	8020	62	160	3.2	70-80 90	
15.5 - 20.5 2% CP, 1% PY in QZ-CL		15.5	17.0	1.5	19	7080	21	85	2.4	20-40	
fracture fillings.											
		17.0	18.5	1.5	8720	9910	39	130	4.8		
		18.5	20.5	2.0	21	7140	19	85	2.4		
20.5 - 24.7 1% CP, 2% PY diss.; minor		20.5	22.0	1.5	22	1250	24	5	0.6		
fracture fillings. in BHt.											
		22.0	23.5	1.5	23	5990	51	15	2.0		
		23.5	24.7	1.2	24	1.31%	49	55	5.2		
24.7 - 24.9 30% CP, 5% PY in SD v.		24.7	25.4	0.7	25	6.32%	311	140	25.0	10 - 80	
24.9 - 25.4 1% CP, in QZ stockwk.		25.4	26.8	1.4	26	10.30%	573	1030	47.0	40-60 40-200	
25.4 - 26.8 25% CP, 5% PY (on HW w/ Alt)		26.8	27.6	0.8	27	1.89%	636	125	6.6	20-200	
↳ in SD v. surrounding		27.6	29.0	1.4	28	6.53%	447	545	30.4	300 150-200	
SD grains.		29.0	29.9	0.9	29	3.74%	1395	115	13.6	40-200	
26.8 - 27.6 3% CP, 1% PY in QZ-CL		29.9	30.6	0.7	97 30	1.30%	37	45	4.6	300	
stockwk.		30.6	32.1	1.5	31	6520	246	50	2.0	10	
27.6 - 29.0 20% PY, 5-10% CP in SDv.											
paragenesis → SD - xtalline PY		32.1	32.9	0.8	32	1890	105	<5	0.4	50 90-100	
followed by PY, CL, CP.		32.9	34.3	1.4	33	453	770	<5	<0.2	40-70	
29.0 - 29.9 3% PY, 3% CP in QZ/CL		34.3	35.4	0.9	34	314	913	<5	<0.2		
shale		35.4	36.9	1.5	35	364	59	<5	<0.2	40-100 250	
29.9 - 30.6 2-3% CP, tr. MC in SDv.										40-250	
30.6 - 37.0 2% PY, tr. CP - 0.5% CP,		36.9	38.4	1.5	36	204	39	<5	<0.2	60-80 20-40	
in QZ, AK, CL veinlets, SD, AK		38.4	39.9	1.5	37	275	34	<5	<0.2		60-80 new dev.
veining.		39.9	41.4	1.5	38	157	33	<5	<0.2	10-20 40-60	
32.1 - 35.3 1% diss. CO-										5-10 20-40	
euhedral grains 1-2mm.		41.4	42.9	1.5	39	194	45	<5	<0.2		
37.0 - 45.9 - tr. - 2% PY, tr. CP.		Nwmt	Strd. 1	1.5	8740	101	11	140	0.4		
		42.9	44.4	1.5	41	337	528	<5	<0.2		
		44.4	45.9	1.5	97 42	455	174	<5	<0.2		

 PROJECT: GREMLIN HOLE NO. GM94-03

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION		ALTERATION SD A	AK B	CL C	CA D	AB E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
	97	bl. Sh.		70° SD v. 45.9-46.1	SD vein.								
				70° 46.1-46.7	QZ-AK veined bl. shale								80
				SD v. - QZ, CL, AK									
48.2				46.7-49.7	SD vein; minor x-cutting QZ, AK, CL alt^n								
	98			70° SD-QZ stwk, ~~ bx^td	tr. S".								86
50				70° 49.7-50.7	Shale; QZ-AK-CL-mSD veined								
51.2				swirled, folded bx^td, SD. QZ									
	98			alt^n, CP, PY 50.7-54.3	Shale; swirled texture; intensely								96
53.6					folded & brecciated; patchy QZ-SD								
	87			70° SD>AK v.	alt^n, minor blebby PY-CP.								75
54.3				50° CP									
55	99			AK alt^n + SD CP 54.3-56.4	SD vein zone, AK-core & FW., m. PY,								97
				SD, QZ, AK v.	CP.								
57.3		?		65° So 56.4-84.2	Dolomitic siltstone - light to medium								
	97	Dl. SLST		minor folds	grey, laminated to thinly bedded,								90
				70° A.P. cleavage 70° So	minor folded, characteristic cherty								
60 60.3					QZ-AK boudins → best developed								
	90			70° So, cleavage	on axial plane cleavage; less common								89
				15° AK.	on bedding surfaces; microfaulting								
63.4				minor folds	along axial plane cleavage, intersect^n								
65	99			A.P. cleavage 70°	of axial plane cleavage & bedding (m.f.a)								79
				80° So	@ 80°-90° to c.a.								
66.4				90° PY, CD, QZ, HE AK v.									
	101	minor boudins		70° A.P. tight minor folds									90
				60°									
69.5				PY, AK, QZ.									
70				15°									
				85° So = boudin.									
	101			minor folds 60°									92
72.5				AK, PY, HE v. 80°									
				PY.									
	98			70° AK, HE, PY v. QZ									84
75													
75.6				80°-90°									
				QZ(cherty) - AK veinlets -									
	97												86
78.6				minor folds.									
80	102												87
				65° A.P. cleavage									
				AK-QZ +/- PY. 80° boudins									
81.7				70° AK, QZ v									
	92	25° FL(AK)		65° AK-QZ, tr. PY.									87
		PY v.		70° 84.2-86.5	SD-QZ vein - 70° to 80° to c.a., clear to								
84.7				SD. porcel. QZ	cherty white QZ and brown coarsely								
85				v. tr. S"	crystalline SD, tr. CP.								
	100			80° minor folds.									98
87.8				ax. pl. faulting. 70°									
				AK, QZ v.									
	102			5-15° AK v. + QZ +/- PY									97
90													
90.8													

PAGE 4 OF 10	PROJECT: GREMLIN	HOLE NO. GM94-03

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu (ppm)	ASSAYS Co (ppm)	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	MAG. SUSC. X10-5 SI units	SCINT CPS
45.9-49.7- tr. S" in SDv.		45.9	46.7	0.8	8743	78	438	<5	<0.2	20-40 300	60-90
		46.7	48.2	1.5	44	17	103	<5	<0.2	20-40	50-60
		48.2	49.7	1.5	45	53	23	<5	<0.2	20-50	
49.7-50.7 · 0.5% PY, 0.5% CP in QZ, Ak CL, veinlets		49.7	50.7	1.0	46	1495	136	<5	0.4		
		50.7	52.2	1.5	47	4900	193	<5	1.0		
50.7-54.3 1.5% CP, 1% PY in 6x td SD, QZ alt'd zone; diss. & blebby patches.		52.2	54.3	2.1	48	1850	136	<5	<0.2		
		54.3	55.3	1.0	49	650	17	<5	0.4	300	
54.3-55.4. 0.5% PY, CP in SDv.		55.3	56.4	1.1	8750	472	7	<5	0.2	40-300 250	
55.4-56.0 tr. S" in Ak alt'd zone		56.4	57.9	1.5	51	226	9	<5	<0.2	40-200 20-40	
56.0-56.4 tr. CP in SDv. + QZ, CL		57.9	59.4	1.5	52	248	13	<5	<0.2		
56.4-56.8 tr. PY, CP in Ak alt'd FW of SDv.		59.4	60.9	1.5	53	123	11	<5	<0.2		
56.8-89.8 <1% S" overall, PY>>CP except in CB +/- QZ v.; PY occurs in Ak-QZ v. boudins.		60.9	62.4	1.5	54	108	14	<5	<0.2		
		62.4	63.9	1.5	55	180	16	<5	<0.2	57, ke	
		63.9	65.4	1.5	56	354	18	<5	<0.2	to	
65.4- 1cm seam of PY, m CP @ 80° to c.a.		65.4	66.9	1.5	57	622	17	<5	<0.2	70-80	
66.3-66.4.5 - 1% CP, PY, CO in pinkish Ak-QZ (Co in QZ) vein.		66.9	68.4	1.5	58	214	17	<5	<0.2		
		68.4	69.9	1.5	59	246	13	<5	<0.2		
65.55- PY - blebby veinlet.		69.9	71.4	1.5	8760	154	8	<5	<0.2		
68.4- " " "											
69.2-69.6- 10cm semi-massive PY band on FW of Ak v.		71.4	72.9	1.5	61	449	12	<5	<0.2		
		72.9	74.9	2.0	62	120	11	<5	<0.2	40-70 20-40	
71.6-71.8 } PY assoc. w/ 72.3-72.8 } Ak-QZ v.		74.9	76.9	2.0	63	87	10	<5	<0.2		
		76.9	78.6	1.7	64	91	10	<5	<0.2		
		78.6	80.6	2.0	65	101	8	<5	<0.2		
		80.6	82.5	1.9	66	102	14	<5	<0.2		
										60-80	
		82.5	84.2	1.7	67	182	13	<5	<0.2	20-40	
84.2-86.5 <1% PY, CP w/ SD, QZ v.											
		84.2	86.5	2.3	68	343	11	<5	<0.2	300	
		86.5	88.5	2.0	69	223	16	<5	<0.2	100-200	
										40-60	
		88.5	90.5	2.0	8770	103	12	<5	<0.2		
										20-90	

PAGE 5 OF 10 | PROJECT: GREMLIN | HOLE NO. GM94-03

DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION SD A	AK B	CL C	CA D	AB E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
90.8		DL SLST	So, A.P. ~85° 15° QZ, AK, PY									
	98		So 60° 86.5-113.5	Dolomitic SLST as above; strong axial plane development, minor folding; axial plane fractures infilled by AK+/- chalky grey-white QZ; typically boudin textured w/ micro displacement of bedding. PY, tr. CP w/ veining; late AK-QZ +/- S° fracturing @ 5°-25° to c.a.							84
93.9			80 A.P.									
95	98		minor folds									98
96.9			PØ in AK-QZ v.									
	89		rusty gouge	90.5-93.5 - darker black colour, weakly graphitic.								61
100	99.9		70° So - minor f. to 10									
			s. AP cleavage 70° to c.a.									
	95		AK v.									87
			So 70°									
103.0			AK v. 70° hourglass shaped QZ-AK v.									
105	100		minor folds									100
106.1												
	97		70° AK v.									89
			40° CP, AK.									
109.1			minor folds									
110			s. A.P. development									
	101		70°									97
			55° So 113.5-117.9	SD-QZ-CL vein - SD grain size zoned from areas of 1-2mm grains to those several cm.'s across; fine spotted black mineral @ 15.5 - BI; <1% PY, PØ, CP								
112.2			BI? porphyroblasts									
	96		f.g. SD vein zone.									91
			80°-90° SD-CL-mQZ v. + PØ, PY, (CP?) + black mineral grain - BI?									
115	115.2											
	97											73
			85° 117.9-158.7									
118.3			40° So 85° AK QZ, BI PØ.	Dolomitic SLST/MDST. Same as above								
120	98		85°	118.3-118.8 - AK-QZ-CL vein spotted w/ BI								97
			70° AK, QZ, BI, PY, 40° CP. v.									
121.3			So									
	102		70° SD-QZ-CL v. PØ, PY.	122.5-124.5 - SD-AK-QZ-CL veining w/ minor CP, PØ, PY.; characteristic net texture in FeCB mineralizat'n								97
124.4			80° 70° So									
125			20° AK, CP v. +QZ									
	97		minor fold									93
127.4			gradational contact AK, PØ, CL, QZ.	127.0-127.8 - AK-CL-QZ vein. + m. PØ, CP, gradational lower contact.								
	100		minor fold 70° axial plane									98
			SD-QZ-CL v.									
130	130.4		60° AK-v. + PØ PY, CP									
	99											97
			QZ-CL-AK-CP-PY									
133.5			70° So									
	48											46
135												

PAGE 6 OF 10 | PROJECT: GREMLIN | HOLE NO. GM94-03

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu (ppm)	ASSAYS Co (ppm)	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	MAG. SQSC. X10⁻⁵ SI units	SCINT CPS
89.8 - 113.5 <1% - 1% PY, tr. CP, rare PØ assoc. w/ AK +/- QZ veinlets, vlins.		90.5	92.5	2.0	9771	161	7	<5	<0.2	20-40	50-60
										500-900	
		92.5	94.5	2.0	72	177	10	<5	<0.2	spikes	
										(PØ)	
		94.5	96.5	2.0	73	146	10	<5	<0.2	60-80 spikes	
										in AK zones	
		96.5	98.5	2.0	74	159	9	<5	<0.2	500	
										700	
		98.5	100.5	2.0	75	170	13	<5	<0.2		
		100.5	102.5	2.0	76	99	14	<5	0.2		
		102.5	104.5	2.0	77	60	10	<5	<0.2		
										60	
		104.5	106.5	2.0	78	91	9	<5	<0.2		
										100	
		106.5	108.5	2.0	79	85	8	<5	<0.2		
		Nwmt.	Strd.	HS261	8780	99	107	150	<0.2		
		108.5	110.5	2.0	81	133	7	<5	<0.2		
		110.5	112.5	2.0	82	193	27	<5	<0.2		
										900	
		112.5	114.5	2.0	83	70	17	<5	<0.2	60-80 200	
113.5 - 117.9 PØ, tr CP, PY in SD, QZ, CL v.										350	
		114.5	116.4	1.9	84	50	13	<5	<0.2	350	
										900	
		116.4	118.3	1.9	85	160	16	<5	<0.2	350	
117.9 - 122.5 <1% diss. PY, PØ, CP in DL. SLST & blebby fracture fillings in SD, AK +/- QZ veinlets		118.3	120.7	2.4	86	172	11	<5	<0.2	800 200 50	
		120.7	122.5	1.8	87	95	10	<5	<0.2	200 20-80	
122.5 - 124.5 SD - AK - QZ - CL vein - erratic CP - PØ - PY mineralization in blebby concentrations in net texture fractures. 1% overall		122.5	124.5	2.0	88	312	22	<5	<0.2		
										200-1500	
		124.5	126.5	2.0	89	129	5	<5	<0.2	20-40	
124.5 - 168.7 <1% PY > CP, PØ overall; slightly greater concentrations in feCB veining, mostly @ steep X° to c.a. & in late AK +/- QZ veinlets (CP) @ 30° to c.a.		126.5	128.5	2.0	8790	142	6	<5	<0.2	200	
		128.5	130.5	2.0	91	182	11	<5	<0.2	40	
										100 300	
		130.5	132.5	2.0	92	118	9	<5	<0.2	20 650	
130.7 - 1% PØ, PY, tr. CP										20-40	
		132.5	134.5	2.0	93	213	12	<5	<0.2		
		134.5	136.5	2.0	8794	111	9	<5	<0.2	5-60 spikes	

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION SD A	AK B	CL C	CA D	AB E	FRACTURE INTENSITY	% VEIN QTZ.	RQD
136.5		DL, CLS, MD	80° S_0 tight, minor folds									
	101		85°									101
139.6												
140	98		60° 70° S_0									96
142.6			100°	QZ, AK, CP								
	96			QZ, AK, CL, PY, CP CP w/ QZ AK, QZ, CL, PY								89
145												
145.7			75° S_0 80° A.P. cleavage 50°									
	100											98
148.7			15° AK. minor folds									
150	197											97
151.8			80°									
	99		75°									96
154.8				QZ, AK.								
155	100											94
157.9			80° 80° S_0. 158.7 - 196.6 70° 75° AK, wispy PY	black shale; thinly laminated - light grey to dark black; carbonaceous → graphite development on bedding surfaces → locally crenulated.								
	96		Stringers. 65° - gradational 80° QZ-AK-PY v.									90
160			minor fold.	160.3 - 160.6 - QZ - AK v. w/ PY graphite slip surface on FW of vein.								
160.9	98		75° S_0 ± cleavage	zebra texture in areas of stretched pinched, thin laminations? → AK veinlets late								75
164.0			70° QZ-AK ± PY boudins									
165	99		irregular crackle S_0 75° AK. v.	crackle veins filled by ankerite / dolomite, minor folds - S or Z type								84
167.0			minor fold	(plunge not known) - m. fold axis								
	94		boudin - contorted QZ-AK v + PY } AK-QZ boudins	at steep X to c.a.; graphite								96
170				development seems to be stronger								
170.1			minor fold S or Z type	down hole; pervasive AK alt^n →								
	111		80° axial plane dislocation (?)	particularly in lighter grey beds								97
173.1			PY-AK zone.									
	99		A.P. ~ 70° S or Z type fold.									38
174.3												
175	85		S_0 - 65° - 85°	176.8 - stipled pattern - intense								51
			S or Z type fold.	crenulation of bedding laminae.								
176.8	74		broken zone graphite crackle AK veins	179.5 - two minor folds w/ micro dislocat^n								92
178.0	95		80° A.P. - micro-displacement.	along axial plane cleavage, crenulated								
180	180.0		80°	bedding surfaces.								60

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MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu (ppm)	ASSAYS Co (ppm)	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	MAG Susc. X10⁻⁵ Units	SCINT CPS
										20-40	50-60
		136.5	138.5	2.0	9795	50	10	<5	<0.2	50	
										60-80	
		138.5	140.5	2.0	96	108	10	<5	<0.2	10-20	
		140.5	142.5	2.0	97	201	14	<5	<0.2		
		142.5	144.5	2.0	98	1085	5	<5	0.6		
143.9 - 145.2 1% PY, CP w/ AK veining		144.5	146.5	2.0	99	342	9	<5	<0.2		
		146.5	148.5	2.0	9800	120	11	<5	<0.2		
		148.5	150.5	2.0	01	22	7	<5	<0.2		
		150.5	152.5	2.0	02	29	8	<5	<0.2		
		152.5	154.5	2.0	03	17	11	<5	<0.2		
		154.5	156.5	2.0	04	87	11	<5	<0.2		
										40-60	60-80
		156.5	158.5	2.0	05	32	11	<5	<0.2		
158.7 - 196.6 < 1% PY overall, rare CP		158.5	160.7	2.2	06	180	12	<5	<0.2	20-40	
PY concentrated in wispy stringers w/ AK.											
160.3 - 160.6 - 5% PY in QZ-AK v.		160.7	162.5	1.8	07	86	9	<5	<0.2	60-80 10-20	
		162.5	164.5	2.0	08	53	7	<5	<0.2		
		164.5	166.5	2.0	09	40	7	<5	<0.2	20-40	
										10-20	
		166.5	168.5	2.0	8810	43	9	<5	<0.2		
										10-40	
		168.5	170.5	2.0	11	39	5	<5	<0.2		
										10-20	
		170.5	172.5	2.0	12	30	7	<5	<0.2		
										5-10	
		172.5	174.5	2.0	13	59	15	<5	<0.2	20-50	
		174.5	176.5	2.0	14	103	8	<5	0.2		
		176.5	178.5	2.0	15	1045	19	<5	0.2		
		178.5	180.5	2.0	16	69	9	<5	<0.2		

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DEPTH (m)	% CORE REC	LITHOLOGY	STRUCTURE	GEOLOGICAL DESCRIPTION	ALTERATION SD A	AK B	CL C	CA D	AB E	FRACTURE INTENSITY	% VEIN QTZ.	RQA
180												
		bl. sh.		S_0 75°								
	95			0-10° AK V.								72
182.3												
	87			sheared off minor fold								57
				broken zone								
185				strong graphite.								
185.3				80° AK by stringers								
				50-55° S_0								
	95											84
				minor folds.								
188.4				80° axial plane cleavage								
				S_0 - 75°-80°								77
190	95											
191.4				minor fold - Sorz type								
	104			py seams parallel								61
193.5				85°-90° S_0								
				75° A.P. ∥								
195	79			minor folds.								151
				75° A.P. ∥								
196.6				S_0 55°								
EOH.												

bl. sh. cont'd. to EOH.

PAGE 10 OF 10	PROJECT: GREMLIN	HOLE NO. GM94-03

MINERALIZATION DESCRIPTION	TOTAL SULPHIDE	SAMPLES FROM	SAMPLES TO	SAMPLES WIDTH	SAMPLE NUMBER	ASSAYS Cu (ppm)	ASSAYS Co (ppm)	ASSAYS Au (ppb)	ASSAYS Ag (ppm)	MAG. SUSC. X10⁻⁵ SI units	SCINT CPS
180		180.5	182.5	2.0	8817	40	5	<5	<0.2	20-30	60-80
		182.5	184.5	2.0	18	43	8	<5	<0.2	↓	
		184.5	186.5	2.0	19	34	6	<5	<0.2	5-10	
		Numt.	Std.	MS261	8820	98	9	140	<0.2	20-30	
		186.5	188.5	2.0	21	112	10	<5	<0.2	10-20	
		188.5	190.5	2.0	22	25	4	<5	<0.2	↓	
190		190.5	192.5	2.0	23	17	8	<5	<0.2	20-30	
		192.5	194.5	2.0	24	49	13	<5	<0.2	10-20	
		194.5	196.6	2.1	8825	35	13	<5	<0.2	↓	
										5-10	
										↓	↓

7230000mN

517500mE

GM94-03
9909E, 5320N
880m A.S.L.

SCALE 1:1000

106 m @ 059°

196.6m

YB42740
Anthea 3 No.1
Anthea 1 No.2
YB42738

YB42741
No.1 Anthea 4

No.2 Anthea 2
YB42739


4500
4000
3500
2500
S-101B
S-102B
ANTHEA
KL
093225
DWG

3000

4000

4500

3500

2500

S-101B

S-102B

ANTHEA

ANTHEA

ANTHEA

ANTHEA

ANTHEA

C r e e k

093225
Dwg