Report for Assessment Work Credit

On

Drilling Programs

MORRISON PROPERTY
Roli 1 Claim

(March 1, 2002 – August 15, 2002)

OMINECA MINING DIVISION
BABINE LAKE AREA, BC

VOLUME 2 of 4
Drill Holes MO-01-63 – MO-01-72

Latitude 55°11'N | **NTS 93-M-01W** | Longitude 126°18'W

PACIFIC BOOKER MINERALS INC.

#1702 – 1166 Alberni Street
Vancouver, BC, V6E 3Z3

Date Submitted:
14 November, 2002

GEOLOGICAL SURVEY BRANCH
ASSESSMENT

Authors:
David Hladky, Geol.

26,996 2/4

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Re-Drill of MO-01-54; No sampling down to 144.78m/475 ft.

Hole ID: MO-02-63	Nominal Collar Coordinates: 670 770 E ; 6118 907 N	Hole Type: NTW, reduced to NQ at 41.15
Date Started (drilling, logging): March 22/02 ; March 23/02	Surveyed Collar Coordinates:	Material left down hole: casing
Date Completed (drilling, logging): Apr 01/02 ; Apr 01/02	Depth: surface Depth: 13.72 Depth: 96.01 Depth: 199.64 Depth: 300.23	Base of strong oxidation:
Contractor: Falcon Drilling	Azimuth: 89° Azimuth: 86° Azimuth: 88° Azimuth: 88° Azimuth: 91°	Top of bedrock: 5' ; 1.52m
Geologists: D. Hadley, K. Lesnikov	Dip: -59.5° Dip: -59° Dip: -59.5° Dip: -56° Dip: -53°	Purpose of Hole: Re-Drill of MO-01-54
Section: 8900N Map Reference: 3260-5	Survey Method: Sperry Sun	-:- Not sampled to 144.78m/475 ft.

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
														DAVE											
0	1.52		OBD							UNK												Casing - No recovery - Drillers reported bedrock at 5'			
1.52	4.57		ZS		Lm Py±Lm Py CaPy					ZS	Se 3+ K-2? Lm 2	0	0	md gy dk gy mottled loc	3	0	3	0	0	3 302 104		- Mod to int Se-alt - Loc dk gy patches or mottled dk gy; Possible K-alt? (No visible Bi) - Abundant Py vnlts up to 2mm wide. Also speckled with fgr Py	NO SAMPLES UNTIL 138.68m		
4.57	7.62		ZS		Cb±Py Py Cb Py±Se' Py± Cb					ZS	Se 3+ K2? Lm 1	0	0	md gy dk gy specks	3	0	3	0	0	4 302 104		- Lm along frcs down to 5.30m - Cb-alt loc along frcs.			

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Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
7.62	10.67		ZS		Py Cb; Cb Py; Py vn lts					ZS	Sc 3+ K1? Cb-1	0	0	md gy db hue loc	3	0	2-3	0	0	3.5 300 460 104		- As above - Bn-gn hue loc; poss Cb-alt.			
10.67	13.72		ZS		Py Cb; Py vnlts; Cb Py; Py vnlts; Cb Py; Py vnlts					ZS	Sc3+ K2? Cb-1.	0	0	md gy db hue loc, dk gy loc	3	0	2-3	0	0	3 300 104 362		- As above			
13.72	16.76		ZS		Cb; Cb Py; Cb Py; Cb Py					ZS	Sc 3+ K1? Cb-1	0	0	md gy db hue loc	3	0	3	0	0	3 362 102		- As above -16.55 - 17.05 mixed rock; several irreg BFP dykes			
			ZS 17.74 ctc:20°		Ca; Ca±Py; perv Ca					ZS			as	per	above							- As above			
16.76	19.81		BFP		Cb; PyAsCb; PyAsCb; Py; CbCaPySp	18.30	18.31	PyAs dm	30	BFP	Se-3 Kc-2+	0	2-3	md gy. gy-beige	3	0	2	0	0	3 464 104	As 1+ Sp 0.5	- Hd - coarse grained BFP. - Hd-int Kc alt'd Pc phenos (white-cream) - Gray mod-int Se-alt'd groundmass - Sct of sub‖ PyAsCb vns 1-2 cm wide - diss fg Py			

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Hole: MO-92-63

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86		BFP		Py; Qzcb Py; Py; Qzcb Py; Qzcb Py	20.00	20.01	SHRVN	20°	BFP	Se 3 KL 2 Cb-1	0	cb 1	med. gy	5	0	1	tr /102	0	3.0 /104 /106 302 300	0	M.C. BFP - Se-3 Alt'd ⊂ KL-2 Alt'd plag phenos & weak carbonate alt'n. - "Pyrite Halo" - kaol. plag. phenos (weak)			
22.86	25.91		BFP		Py; Py; Qzcb					BFP	Se 3 KL 2 Cb-1	0	1	med gy	5	0	1+	tr /102	0	11	0	As per above & below - "PH"			
25.91	28.96		BFP		Py; Py; Qzcb Py; Py	28.28	28.30	SHRVN	20°	BFP	Se 3 KL 2 Cb-1 (K-1 -loc.-)	0 / (<5 -loc.-)	cb 1	med. gy	5	0	2	tr /102	0	11	0	- M.g. BFP (As per above) - Plag phenos generally weak - mod. kaolinitized. - V. local diss. m.g. biot. "patches" - "P-H"			
28.96	32.00		BFP			29.37	29.39	SHRVN	20°	BFP	11			med. gy	5	0	2	tr /102	0	11	0	As per above - decreasing KL alt'n towards? - loc. K-feld. phenos 2-3 mm diam - "P-H"			
			30.73	[illegible]	Qzcb						Se 4 KL 3° Cb-2	0	cb 1	med-H gy	4+	0	1	tr /102	0	1.0	0	M.C. BFP - Chl - [illegible] 30.73-30.92 -			

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Hole: MO-02-63

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
32.00	35.05		+ BFP 34.78		qtz-py					BFP	Se4 Kl3+ cb-2	0	cb 2	med-lt. gy	4+	0	2+	tr 102	0	2.5 444 442 102	0	M.C. BFP - Sericite (±Qtz) alt'n with Kaol. alt'd plag. phenos & carbonate alt'n. (diss. dol.) - Incr. fractured (healed) towards base of int., Qtz (Si) filled			
			Δ + CTC 35° FLT BFP 35.66		Sil Bx	34.78	35.66	FBx	35°	FLT-BX BFP	Se4 Si3 (Kl3 cb-2)	0	cb 2	med-lt. gy	5	0	2+	tr 102	0	2.5 444 442 102	0	- M.C. BFP (±ZS; ±MSPY) xeno's in Qtz (gry) matrix.			
35.05	38.10		Δ CTC 35° FLT			35.66 35.68	35.68 53.34	FLT GGE FLT BLK BX	35 IR	FLT-ZS	Se4 Si2	0	0	med-lt. gy-brn	5	0	2+	0.1 102 420	0	0.5 102 420	0	- Silicified fault breccia siltstone. - Blocky to CSH			
38.10	41.15		Δ			38.10	38.10	GGE	IR	FLT-ZS	Si2 Se4	0	0	"	5	0	2+	0.1 102 420	0	0.5 102 420	0	= Blocky to CSH, silicified sltstn. - As per above			
41.15	44.20		Δ		qtz,py,cp					FLT-ZS	Si2 Se4	0	0	"	5	0	2+	0.1 102 420	0	0.5 102 420	0	As per above			

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Hole: MO-08-63

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
44.20	47.24									FLT -ZS	Si2 Se4	0	0	med. gy-brn	5	0	1-2	0.1 102 302 420	0	0.5 102 302 420	0	Blocky (to CSH), silicified, Sericitized siltstone			
47.24	50.29									FLT -ZS	Si2 Se4	0	0	med. gy-brn	5	0	1-2	"	0	"	0	As per above			
50.29	53.34		53.34							FLT -ZS	Si2 Se4	0	0	med. gy-brn	5	0	1-2	"	0	"	0	As per above			
53.34	56.39		GTC IR 54.86	GGE		53.34	54.25	GGE/CSH	IR	FLT -BFP (GGE)	ArSe3 cb2	0	1	med. gy-brn	2	0	1-2	0.1 102 302 420	0	"	0	- GGE to BlK, Argillite-Sericite BFP.			
			GTC IR			56.34	56.35	SHR	10°	BFP	ArSe3 cb2	0	2	H. brn -gy	4	0	1	0.3 104 300 420	tr 104	1.0 104 300 420	0	- M.G. BFP - ArSe3 & carbonate (cb) Alt'n.			

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Hole: MO-02-63

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
56.39	59.44					Py vnlt Py vnlt Qz Py a					BFP	ArSc4 Si2	0	2	buff	3	0	2	1.5 104	0	1 420 104		- White mod-int Kl alt'd Pl phenos, lt bu Sc-alt'd Bi and groundmass.			
59.44	60.96		60.96		BLK	Qz Py Sc SHR	59.50	60.96	FLT BLK		FLT BFP	ArSc4 Si3	0	2	buff	4⁻	0	3	1 104	0	1 424 104		- 59.50 - 60.96 Poor rec. ~25%. Approx 40cm of blocky ArSc3 alt'd BFP recovered + some broken Qz Py vein			
			61.25				60.90	61.25	FLT	20	FLT	ArSc5	0	0	lt gy	2	0	-	0	0	0		- 60.96 - 61.25 Clay-Sc gouge + slicks			
60.96	64.01		FLT 20 62.20 GRAD (TCA)			Py Sc: Qz vnlts					SHR ZG	ArSc3	0	2+	buff-gu-bu	3⁻	0	3	1.3 104 422	0	0.5 104		- Lt gu-bu massive XS. Mod soft ArSc3 alt. Solid core, 100% rec. - Loc porph text remnants (in Sc alt + FLT'd			BFP?
						Sc SHR Qz Cp vnlts Sc SHR	63.50	63.85	SHR	20-30	SHR-BFP	ArSc4	0	2	buff	3⁻	0	3+	1.5	0	<0.5		- Buff ArSc-alt'd BFP w white Kl alt'd Pl phenos. - Mostly irreg SHR, generally 30° TCA.			
64.01	67.06		65.10 SHR 30			Cp or Qz Cp vnlts Qz Qz (Cp)													104		104					
						Qz Cp or Cp vnlts					BFP	ArSc4 Si3	0	2+	buff	4⁻	0	3	1.8 104 420	0	Tr 104		- White Kl alt'd Pl phenos, buff Sc alt'd groundmass - Wk-mod silicif, wk-mod calcareous.			

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
67.06	70.10				Q2Cp vnlts Q2Cp Ca Cp±Q2 vnlts Ca					BFP	ArSc4 Si2	0	2	buff	3	0	3	1.8 104 420 422	0	Tr 104		- Decreasing sil downhole			
70.10	73.15		70.85 71.40		Q2Cb±Cp Cp±Q2 vnlts ScGp SHR Q2±Cp	71.97	72.20	SHR	20-40	BFP	ArSc4 Si1	0	2	buff	2-3	0	3	1.5 104 420	0	Tr 104		- Whit, mod-int Kl±Cb alt'd Pl phenos, lt bn Se-alt'd Bi. - Qz phenos <5mm (euhedr, prism?) ~10%. Qz grains in groundmass <0.5mm, ~10-20%. - 70.85-71.40 buff, soft ArSc4 XS			
73.15	76.20				Q2Cp GpSc Ca					BFP	ArSc4	0	2	buff	2-3	0	3	1.5 104 420	0	Tr 104		- As above			
			74.95 CTC 10 76.10		Q2Ca Cp Py	74.95	76.10	FLT-CAVN	20	FVN	N/A	0	4	whit, lt gry	3	0	5	0.5 446	0	2 446		- Steep Q2Ca vn, whit Ca gray Qz			
76.20	79.25				sil Ca Qz Q2±Cb±Cp Py Qz Q2Cb±Cp Qz					BFP	ArSc4	0		buff	2-3	0	3	1 442 104 102	0	05-1 464 104		- Kaolinized BFP, the same as above.			

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Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
79.25	80.77				Cb Q1 Cb Cp Cb					BFP	Ar Sc 4 Si 2	0	2	buff	3+	0	3	1.2 104 440	0	<0.5 104	Ho Tr 440	- As above. - Loc harder (Si=4), silicif.			
80.77	83.82				Q2 Cp Py Q2 Cp ± Cb vnlts					BFP	Ar Sc 4	0	2	buff	2-3	0	2	1 104 440	0	0.5 104		- As above			
83.82	86.87		85.25 alt change 86.60 alt change		Cb ± Hr Q2 ± Cp Py Q2 Cb Q2 Bi Cb					BFP	Ar Sc 4 K 4	0 30	2 1	buff dk bry gy	2 7-	0 2-3	2-3 3	1 104 1.8 104	0 0	1 104 424 <0.5 104		- As above - Black sec Bi along fres & Cavnlts Loc. Xenomorph. sec Bi in groundmass. Black Bi phenos (euhedr to subhedr)		0.5-2mm ~ 15%	
86.87	89.92				Q2 Cp Py Cb Ca Py Q2 Q2 (Cb) Cp Ca Q2	88.77	88.85	Ca Py vn	20	BFP	Ar Sc 4	0	2+	buff	2	0	2-3	0.9 104 422	0	0.8 104 466		- White mod-int Kl-alt'd Pl phenos, Lt bn Se-alt'd Bi			
89.92	92.96		92.65 Q2 Sc	GGE	Q2 Q2 (Cp) Cb Q2 Q2 Cb Cp ± Py Q2 Cp Py ± Cb Py					BFP	Ar Sc 4 Si 3 Loc	0	2	buff	2-3	0	2-3	0.9 422 104	0	0.5 104		- As above - Cb alt'd mafic phenos			

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
92.96	96.01		+ K-alt 93.80	GGE	Q_2 Cp Py Q_2 Py Cp					BFP	ArSe4, K4 Loc	0 30 Loc	2 0 Loc	buff, dk gy Loc	2-3, 6- Loc	0	2	1- 104	0	1 104		- As above - 92.96 - 93.80 dk-gy K3 alt'd BFP mgr groundmass wk Se-alt'd.			
96.01	99.06				Ca(Q_2) Ca Q_2 Q_2 Cp Q_2 Cp	96.25	96.60	Ca Py Q_2 vn Str	30	BFP	ArSe4	0	2	buff	3	0	2	0.9 104 422	0	? 0.5 104		- As above.			
99.06	102.11		+ K-alt	GGE CaGE Ar	Q_2 Q_2 Py Q_2 Py					BFP	ArSe4 Si2 Loc	0	2	buff	2-3	0	2	0.5 104	0	1.5 104 422		- As above - 99.37 - 99.84 K3 alt relict. Ch GGE at both cntcts. - Py > Cp in both alt.			
102.11	105.16		+		Q_2 Cp Py Cb Q_2 Q_2 Cp					BFP	ArSe4 Si2	0	2	buff	3	0	2+	<1 104 422	0	<1 104 422		- As above			

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
105.16	108.20		Align. of biot. grains	ccc	Qzcb Qzcb CpQzcb Qzcb QzCbPy Qzcb Qz QzcbPy	106.36	110.28	Grain Align.	30°	BFP	K3 (QzSe-1 -loc-) (ch-1 -loc-)	25⁻	0	med-dkgy (lt.gy loc)	6⁻	2	2	0.6 104 106 442	0	0.3 104 102 442 422	0	M.G. BFP - 15%+ c.c. biot. with ~10% f.g. biot. in mtx. - Qtzcb veinlets and fract-filling - Loc. QzSe-1 Alt'n adj. to veinlets. - loc. ch-1 Alt'n of biot. assoc. with vnlts & QzSe-1 - Cp > Py			
108.20	111.25				Qzcb Qzcb Qzcb Qzcb					BFP	K3 (Si2 -loc-) (QzSe-2 -loc-) (ch-1 Cb-1)	~20⁻	0	med. gy (lt.gy -loc-)	6⁻	2⁺	2	0.6 104 106 442 300 800	0	0.3 104 422 300	0	As per above - loc. increased Si (over 6-7cm int.) - slightly less biot. and more QzSe, ch and cb Alt'n. - Cp > Py			
111.25	114.30				Qzcb Qzcb Qzcb					BFP	K3 (Si2 -loc-) (QzSe-2 Cb-1 ch-1 -loc-)	~20⁻	0	med gy	6⁻	2⁺	2	0.4 104 440 442	0	0.2 104 440 442	0	As per above - Cp > Py			
			113.73 Grad	ccc											<3			0.3 102 442	0	0.2 100 104	0	- M.G. BFP. - chl-ccc through ArSe3			
114.30	117.35				CbQzStkCp	114.30	114.41	Vn CbQz ± PyCp	25°	BFP	ArSe4 cb-2 (QzSe3 ch-4)	0	2	lt.yl/gy	~5	0	3	0.4 102 442	0	2.0 446 102	0	Zone into a short QzSe3 core, back out through Dom ArSe4 zone and short chgs ± Carb. Alt'n.			
			115.41 Grad		Qzcbcp					BFP	K3 (QzSe-3 ch-2 -loc-)	~20⁻	0	med gy	6⁺	2	2	0.4 102 420 442	0	0.2 102 440 420	0	- M.G. BFP - Dom. tK3 is Alt'd with ~40% QzSe-3 (loc. with ch-2) Alt'n related to vnlts.			

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From (m)	To (m)	Rec %	Lithology	Fract	Veins	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
117.35	120.40				Qzcb, QzMo, Qzcb					BFP	K3 (QzSe3 cb3 cb-1)	~20	0	med. gy	6+	2	3	0.5 104 102 422 440 300	0	0.3 104 103 422 440	Mo 0.1 422	M.C. BFP (as per above) - Med gy; K3 Alt'd with zones of QzSe3 (with cb-2) Alt'n adj. to loc. units - Cp > Py			
120.40	123.44				Qz, Qzcb, PyQz					BFP	K3 Qzse3 (cb3) (cb-1)	~20	0	med. gy	6	2-1	3	0.5 104 102 300 422	0	2.0 302 104 102 300 422	0	As per above			
123.44	126.49		123.63 Cont; 125.40 Cont		QzPy, CbQz, CbQz, CbQzSpPy	124.67 / 124.92	124.85 / 124.96	SHRVN / SHRVN	30° / 20°	BFP	Se-3 Cb-3 (Ar-3 -Cb)	0	2	H.gy -yl	4	0	3	0.5 422 464 104	0	2.0 422 104 464	Sp 0.6 464	As per above - Vn related alteration - Dominantly Sericitic to large Cb component. - chloritic at upper ct.			
										BFP	K3 Si3	~20	0	med gy	6	2	~2	0.5 422 104	0	0.4 422 104	0	- M.C. BFP - Dom. K3 Alt'd with Unit related QzSe3			
126.49	129.54	116	128.0		QzcbPy, Qz	128.62 / 128.64	128.64 / 128.69	FLT-CSH / SHRVN (gf)	20° / 20°	BFP	QzSe3 / QzSe3 Cb3	<2	0 / 2	H.gy -yl	6	0	1	102 / 0.5 422 104 300 102	0	102 / 2.0 464 440 104	0	Alt'n (loc), Increasingly Siliceous d-hole. - loc. diss (106) Ep - FLT-CSH & SHR-VN related QzSe-3 & Cb-3 Alt'd BFP			

Hole: MO-02-63

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From (m)	To (m)	Rec %	Visual: Lithology	Visual: Fract	Visual: Veins	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
			+ 130.0		qz qzcbcpPy	—	—	—	—	BFP	qzca3 cb3	<5	2	lt. argyl	4+	0	3	0.5 424 104	0	0.4 424 104	0	As per above			
129.54	132.59		+		qzmocpPy, qzmo, qzcbcp, qzPycpmo, qzcb, qzcb					BFP	K3 Si3 -loc- Se3 -loc-	<20	0	med gy	5+	2	2	0.5 300 104 422 442	0	0.4 300 104 422	Mo 0.2 422	Potassic (K-3) alt'd BFP. Increasingly siliceous d-h, and ± Se3(±qz) alt'n related to veining. - increasing diss. Cp/Py d-h			
132.59	135.64		+		qzcb, qzcb, Pycpqz, qzPycp, qzPycpmo					BFP	KSi3 QzSe2	<20 ↓ incr.	0	med gy	7	2	2+	0.7+ 104 422 300	0	0.6 104 422 300	Mo 0.2 422	- Potassic-Silicic (KSi3) alt'd BFP. with loc. qzSe-2 alt'n rel. to vn's. - increasing diss Bio (mtx) d-h.			
135.64	138.68		+		qzcb, qzPycp, qzcb, qzcb					BFP	KSi3 QzSe2	30	0	dk-med gy	7	2	2	0.8+ 104 300 420 422	0	0.6+ 104 300 420 422	Mo 0.2 420	As per above - darker-gry this int. Nice KSi-3 alt'n with good cp. - loc. qzse-2			
138.68	141.73		+		qzcb, qzcb, qzcb, qzcb, qzcbch, qzcbPych, qzcbPych, qzcb, qzcb					BFP	QzSe2 Cb2 ch2	20+	1	med gy (ws)	7-	1-2	3	0.7+ 104 102 300 440 420	0	0.6+ 104 102 300 444 420	Mo 0.2 420 440	- Sim. to above, with incr. in freq. of qzses alt'n accomp. by cb-2 and ch-2 alt'n. - Diss. Cp(106) loc.	20001	0.498	0.29

↓ START OF SAMPLES

↓ START OF SAMPLE

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
141.73	144.78				QzCbPyCp; QzCb; CpPy; Cp					BFP	KSi3 QzSe3 (Cb2 ch2 -loc-)	25	1	dkgy	6+	2	2+	0.8+ 104 300 102 420 440	0	0.6 104 420 300 102 440	0	M.C. BFP - Good KSi3 Alt'n with local QzSe3, > ch ± cb Alt'n, related to units. Cp>Py	200002	0.461	0.18
			143.53 – 144.07		QzCb; QzCbPyCp; Qzcb	144.14	144.26	SHRVN	15°	BFP	QzSe-3 Cb-2	0	2	gy-yl	6	0	4	0.6 422 420 300 446	0	0.8 422 420 300 446	Mo 0.1 422	- E.F.P. - SHRVN - related QzSe-3 Alt'd BFP & ZS. ZS: QzSe3 Alt'd; 143.53-144.07m			
144.78	147.83		145.00; QzSe3 ± KL3		QzCbCpPy; QzCb; QzCbPy; QzCbCp					BFP	KSi3 QzSe3 (w loc. KL3) (Cb2 ch2)	20+	1	dk-med gy	6+ / 3 loc	2	2	0.7 102 104 300 420	0	0.5 102 104 300 420	0	M.C. BFP - Nice KSi3 Alt'n with local QzSe3 (± ch ± cb) Alt'n. - Diss. Ep (106) - QzSe3 ± KL3 Alt'n assoc. with ll. stage veining.	003	0.425	0.19
147.83	150.88				QzCpPy; QzCb & Qz; Qz; Qz; QzSe					BFP	KSi3 ±QzSe3 ±ch2 ±Se (Cb-1 -loc-)	~20-	<1	dk-med gy (tgr)	6+	1+	2+	0.5 104 102 420 300	0	0.5 104 102 420 300	•	M.G. BFP As per above	004	0.458	0.22
150.88	153.92				QzSe; QzSe					BFP	KSi3 (Se3 -loc-) (cb-1)	25+	<1	Dk. gy	6	1	2	0.3 104 102 420	0	0.3 104 102 420	0	M.G. BFP As per above - Less Si with Se-Alt'n. - Good dk, f.g. biot.	006	0.376	0.17
			152.82	FLT	QzCb; QzPyCp; QzPy; QzCbPyCp	153.79	153.97	SHRVN (BX-FLT)	80°	BFP	QzSe3 (cb3) (Se3)	0	1+	ylgn	4- / 2	0	3	0.3 420 300 104 102	0	0.3 420 300 104 102	0	Through 10cm Ch("GGE" to QzSe-3 (±cb) Alt'd BFP with an interval of Se Alt'd ZS. - Bx'd SHR/FLT Vn@ bottom			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97		153.92; Se3; Se3; ArSe4; 156.78 Cont		QzPyCp ±cb; QzPyCp; Qzcb; Qtz ±cb ±se	154.14 154.25 156.44	154.19 155.12 156.54	SHR VN FBx VN (MSPY @ base) SHR VN	30° 30° 30°	ZS	Se3 ArSe4	0	1	ylgngy	4 / 6 Vn / 2 Altn	0	5	0.8+ 446 422 442 102	0	3.5 446 422 442 102	Sp 0.8 446	- F.G. Siltstone - Se3 Alt'd w/ loc. ArSe4 & trans. K and ch 3 - 154.25-155.12m: FLT/SHR BxVn - Qz mtx w/ ZS zones/frags - Semi-massive Py ±Cp @ base of interval (30cm) - 155.12-156.44 = High fract. filling w/ qtz	200007	0.298	0.41
156.97	160.02		159.57 ctc 25°		QzPyCp; Qzcb; Qzcb; Qzcb					ZS	KSi3 QzSe3 (±cb-1)	20+	0	dk gy-brn	7	1	3	0.7 104 102 420 440	0	0.6 104 102 420 440	0	- F.G. ZS, Dom. KSi3 Alt'd with Vn-related (ylgy) QzSe3 (±cb) Alt'n.	008	0.284	0.10
160.02	163.07				PyCpQz; Qzcb; cb/Qzcb; QzcbPyCp; QzCp; QzcbBi Cp; QzCpSe; Qzcb					BFP	K3 (QzSe3) Cb-2 ±se ch-1 ±QzSe3	30+	1	med-dk gy	6+	1-2	1	0.6 104 102 300 420 440	0	0.5 104 102 300 420 440	0	M.G. BFP - Overall dk-gy K(3) Alt'd with local zones of QzSe3 (±cb-2; ±ch-1) Alt'n. - Qzcb shrd. vnlts	009	0.187	0.06
163.07	166.12		165.60		Qzcb PyCp; Qzcb; Qzcb PyCp; QzcbPyCp					BFP	K3 (QzSe3 Cb-2 ch-1)	30+	1	med-dk gy	6+	1-2	1	0.5 104 102 300 440 420	0	0.5 420 440 104 102 300	0	As above	010	0.428	0.19
			ctc 20°		Qzcb; Qzcb					ZS	K3 QzSe cb	35+	1	dk gy	6+	2	2+	0.4 104 102 440	0	0.4 104 102 440	0	As per below			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
166.12	169.16				Q2Py Cp Bi/Cb vnlts Q2Cp Q2(Cb) Cp Q2Cp Q2Cb Bi Q2Cp					ZS	K4	10% ?	0	black, buff network	7-	2-3	4	1.8 300 422 424	0	0.5 104 422		- Black, int K-alt'd massive vfg ZS. - Light Q2Se±Cb haloes up to 5mm wide along Cb/Bi vnlts network and Q2Cp vns.	20002	0.365	0.13
					Q2 Cp Q2 Cp±(Bi)					ZS			as	above											
169.16	172.21		171.00 CTC 45		Q2Cb Ca Ca Q2Cb Q2(Cb)Cp					BFP	K4	30	0	dk gy, gr hue loc	6-7	3	3-	2 104 442 200	0	<0.5 104		- Mgr BFP: fresh euhedr Pl phenos up to 5mm Black Bi phenos 2 mm across 10%. Groundmass Bi ~ 20%. - Cl and Ep loc	013	0.59	0.21
172.21	175.26				Q2 Cp Q2Cp±Py Cb Q2Cb Cb Q2Cb					BFP	K4 Q2Se2 Cb2	20	2	dk gy, lt bu loc	6-7	0, 3 loc	3	2 104 424	0	0.5 104		- As above. - Loc lt bu Q2Se2 alt cut by sec Bi vnlts. (<30% of the interval)	014	0.300	0.31
175.26	178.31				Q2Cb Q2Cb/Bi vnlts					BFP	K4 Q2Se2+	20+	1	dk gy, buff-gy loc	7-6	0 ~ f.c	3+	1.8 104 422	0	0.5 104		- As above. - Gray-buff, v. hard Q2Se loc.	015	0.017	0.25

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
178.31	181.36		ArSe	GGC GGE	Q_2Ca Q_2Ca Ca Q_2Ca vnlts Py					BFP	K3	25	0	dk gy	7	3	2-3	1.5 104 440	0	0.5 104		- Euhedr black Bi plcmos 3mm 5-10%. - buff-gy, soft ArSe alt around late CaQ_2 vn at 178.70-179.10	20046	0.44	0.13
181.36	184.40		182.70 ArSe 184.65		Q_2Cp Ca Q_2Cp Q_2Py CaQ_2Py Q_2Cp	183.10	183.25	CaQ_2 Py Cp vn	30-40	BFP	K3	as		above								- As above - White mod-int Ke alt'd wk calc Pl plcmos. Q_2 Se alt'd groundmass (mod hard)	018	0.552	0.19
											Se Ar 3	0	1	gy buff	4	0	2	1 104		1.5 104 446					
184.40	187.45				Cb $CbPy$ Q_2Cb Q_2Cb sil $CbPy$ Q_2					BFP	KSi3	25	0	dk gy	7	1-3	3-4	1.5 104	0	1 462 104		- Hgr - cgr K-alt'd BFP - Loc sil.	019	0.592	0.21
187.45	190.50				Q_2Cb Q_2Cb vnlts Ca Q_2 Q_2 Ca Py Ca Ca Ca Q_2					BFP	KSi3	25	0	dk; md gy	6-7	0-1	3-4	1.5 104 442 462	0	0.5 104		- As above - 188.60 - 189.30 Ar 3. 20cm wide ArSe at both ends. - $Q_2Cb \pm Cb$ vnlts network	020	0.606	0.23

Hole: MO-02-63

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
190.50	193.55		191.03 - 191.76	SHR/Fz	Qzcb Qzcb Qzcb Qzcb Qzcb QzSe QzSe QzSe QzCpPy	191.03	191.76	SHR BLK	30° CCA 70° Fract	BFP	KSi 3 (Se 4 -loc-)	25	0	dkgy	7 (loc <2)	3	2	0.5 104 102 200 440 420 422	0	0.8 104 102 442 420 440	0	M.G. BFP - D.K. gy KSi3 Alt'd BFP to local Sericitic slip/fault surface - 191.03 - 191.76 = Blocky Shr/FLT zone. 30° surfaces with sericitic gge (<1cm wide) with ~60-70° fracture planes. - minor - faulting/shear - No significant displacement	200021	0.490	0.23
193.55	196.60				QzSe Qzcb Qzcb QzGyPy QzCb Qzcb GyCpPy Gy Qz					BFP	KSi3 (QzSe 3 -loc-) Se 4	25	0	dkgy	6-7	3	2+	0.6 104 102 200	0	0.5 104 102	Gy 0	- As per above - QzSe3 zones affiliated with veinlets. - loc. Gypsum vnlts - Cp > Py	023	0.670	0.26
196.60	199.64				QzCb Gy Qz QzCb Gy QzCpPy Gy Qz Gy Gy Gy					BFP	KSi 3 (QzSe 3 -loc-)	25+	0	dkgy	7	3	2	0.8 422 104 102 200	0	0.6 104 422 420 102	Gy 0	M.G. BFP; As per above Cp > Py - uniform	024	0.592	0.19
199.64	202.69		202.57 CTC 50°		GyCbPy GyCb Gy Gy Qz					BFP 25	KSi3 (QzSe 3 -loc-) (Ch-1 -loc-)	25+	0	dkgy	7	3	2	0.8 104 102 200 420 200 300	0	0.6 104 420 440 300 102	Gy 0	As per above As per below	025	0.680	0.23

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
202.69	205.74				Ca Qz Ca Qz±Cb Cp±Py vnlts Qz Ca Ca					ZS	KSi4	15 ?	0	black, dk gy	7	3⁻	4	1.5 420 422	0	1 420		- Black, str K-alt'd massive vfg ZS.	200026	0.406	0.12
205.74	208.79				Qz Cp Qz(Cb) Cp Cb Cb Cb Qz Cp vnlts					ZS	KSi4 Qz Se 4 loc	10 ?	0	black, gy-buff loc	7	2-3	4	1.2 420 422	0	1.5⁺ 420 440		- As above - Lt buff-gy Qz Se alt haloes or short intervals up to 30cm long (<30%.) - Py > Cp in Qz Se alt'd interv	028	0.338	0.10
208.79	211.84				Qz(Cb)Cp Cb Qz Cb Cp					ZS	KSi4 Qz Se 4 loc <20%	10 ?	0	black, gy-buff loc	7	2-3	4	1.5 420 440	0	1⁻ 420 440	Mo Tr 440	- As per above.	029	0.351	0.10
211.84	214.88		214.00 CTC 30		Qz Cp±Py Cb Qz Ca Cp Py Mo Qz Cp Py	213.62	213.66	Qz Ca Py Cp Mo vn	20	ZS	KSi4	12 ?	0	black, dk gy	7	2-3	4	1.5 420	0	1.2 420		- As per above	030	0.397	0.10
			+ + +		Gy					BFP1		same		as	per		below								

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
214.88	217.93		216.20		Gy QzCa					BFP_A	Cl3	10	0	md gy-gn	4	3	2	0.6 104	0	1 104		- Coarse "ghost" Pl phenos fgr Cl-alt'd groundmass - Mineralized, Py ≥ Cp	5-10 mm 200031	10- 0.268	15% 0.08
			CTC 25		BiCp Qz±Cb vnlts BiCp					ZS	KSi3	5 ?	0	md gy	7	1	4	1 420 440	0	<1 420 440		- Str-int sil, mod-str K-alt'd - Bi±Cp vnlts usually with sil haloes.			
217.93	220.98		220.20		QzCaBi QzCpPy±Ca vnlts					ZS	KSi3	5	0	md gy bn	7	1	4	1.5 422 440	0	1 422 440		- As above. - Gradual transition to BFP.	032	0.490	0.19
			GRAD	CTC	QzCbBi Qz																	- Mgr-cgr BFP dyke: Pl phenos av 5mm loc, mostly sil			
220.98	224.03		222.50		QzCp ±(Mo) Ca QzCbPy					BFP	KSi4	30	0	dk bn	7	1	4	2 104 422	0	<0.5 442		flooded. Sec Bi mostly as fgr groundmass Bi. Bi phenos only loc (<10%) - Both ctc irreg poss <10°	034	0.450	0.15
			IRREG	CTC	Qz+sil QzCbBi vnlts					ZS	KSi3	5-10 ?	0	gn-bn	7	0	5	1 422	0	1 422		- Int silicif'd, mod K-alt'd (vfg dis sec Bi + Bi vnlts) - Massive vfg ZS.			
224.03	227.08				Qz QzCp QzCaPy Qz±Cb vnlts	225.6?	225.7?	QzCa Py	20	ZS	KSi4, QzSe3 loc	10 ?	0	dk bn drab; lt gy-gn env	7-6	2	4	0.9 422	0	0.5 422	Mo Tr 420	- Same as above, higher Bi. - Lt olive gn/drab QzSe e[illegible]v around vnlts and late vns	035	0.261	0.09

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-22-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
227.08	230.12			GGE 30 30	Ca Cp; Q2 Cb Py Mo; Q2 Cp Mo; Cb Py; Q2 (Ca) Cp; Q2 Cp vnlts	227.40	228.00	GGE/ CSH FLT?	~30	ZS	KSi4, Q2Se3 Loc	15 ?	0	dk bu, drab Loc	7	6-2	4	1.5 442 104	0	0.5 462 104	Mo Tr 442	-As above -227.40 - 228.00 int clay-alt, crushed/gouged ZS Possible FLT?	200036	0.468	0.13
230.12	233.17		Q2Se/ Se +Alt relicts 231.60		Bi; Q2 Cp Mo vnlts; Q2 (Cb) Cp; Q2 vnlts					ZS	KSi4 Q2Se3 Loc	10	0	dk bu-gy gy-gn drab	7 5 Loc	2-3 0 Loc	4	1 442 104	0	0.5 442 104		-As above, less Bi in first 1.5m, gy-gn Q2Se or Se alt instead. K-alt relicts -231.60-	037	0.346	0.09
			233.00 alt chng																						
233.17	236.22				Bi; rare Q2 Ca Py; Se; Cb; Cb Bx Ca Q2 Se Q2 Cb	233.63 233.74 234.90 235.65	233.65 233.79 235.45 235.85	Ca Q2 Py Se SHR Ca Py Ca vns Cb vn Bx	30 30 20 30	ZS	Q2Se3 Cb3 ?	6	2	lt bu-gy-gn (lt drab)	6	0	4-5	1.8 104	0	0.5 104 464		-233.00 - 233.74 cgr ZS, Q2Se4. SHR c/c w SS. -233.79 - 234.20 m gr sil SS, lt drab, H=7 -234.20 vfg ZS H=5-6, Q2Se3 + Cb3 alt. Cut by a system of subparallel irr Cb vns	038	0.313	0.10
236.22	239.27			BLK	Q2 Cb; Cb; Cb Q2 Py; Ca (Q2) Cp; Cb vnlts; Cb (Py); Q2; Cb vnlts; Q2 (Cb)					ZS	Q2Se3 Cb3 ?	0	2	lt drab	4-5	0	3-4	1 420	0	0.5 420 440		-Q2Se alt as above, loc softer Se alt	040	0.332	0.19
			238.50 alt chng									as	per		be	low									

Pacific Booker Minerals Inc.
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Hole: MO-02-63

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
			Visual			Structures				Descriptive													Assays		
239.27	242.32				Cb; QzPyCp; CaPySc; Qz(Cb)Cp; Ca	240.40	240.50	Ca(Qz)(Py)Sc SHR vn	20	ZS	Sc4 Si2 Cb3?	0	1	lt gn-gy	2-3	0	3	0.9 440 104	0	0.5 440 104		- Cgr massive ZS, grainsize ~0.1mm. Int Sc alt, wk-mod Sil, possibly Cb-alt'd	200041	0.321	0.10
242.32	245.36				Cb; Cb; QzCa ±Cp± Py vnlts Cb; QzMo					ZS	Sc4 Si3 Cb3?	0	1	lt gn-gy	3-2	0	3	0.9 440 104	0	0.5 440 104	Mo Tr 422	- As above	042	0.55	0.17
245.36	248.41		245.70 CTC 30		Cb; QzMo; QzCbSp; Cb; Cb	246.25 247.40	246.35 247.45	QzCaSp Cavn	50 30	ZS BFP	Sc3 Cb3	0	2-3	beidge-gy	3⁻	0	2	1.5 104	0	1 104	Mo Tr 104	- Mgr-cgr BFP, Pl phenos up to 1cm across. Pl dom gray Sc alt'd, white Kl + Ca alt locally. - Beidge Cb alt'd mafic phenos.	043	0.350	0.10
248.41	251.46		249.20 alt chng K3; ArSc3 + Cb3		Cb; QzMo; CbQzSc; Cb					BFP	ArSc3 + Cb3, K3 loc	0 30 loc	2 0 loc	as per above; beidge-gy/buff dk gy loc	above; 3, 6 loc	0	2	1.5 104	0	1 104	Mo Tr 104	-249.20-249.90 dk bn mgr-cgr K-alt BFP. - from 249.90 ArSc3 = Sc3 White, calc str Kl alt'd Pl phenos	044	0.276	0.09

Hole: MO-02-63

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Morrison Project

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
251.46	254.51		cont 251.95 K3 GRN ARSE Cb4+ K3 254.40 ctc 70°	CA 95 95	Qzcb Qzcb Qzcb Qz	—	—	—	—	BFP BFP	ARSE Se4+ Cb3+ K3 ARSE3 KL3 Ch5	— 3/20 -loc-	— 4+/2. Avg.	— Hy/gy / brgy	— 3-4 / 1 -loc-	1	— 1	— 0.2 104 102	— 0	— 0.5 104 102	— 0	As per above Dominantly Sericite (Se4+) and Cb Alt'n BFP. with alt. zones of both K3 Alt'n & ArSE3 (+KL3) Alt'n. Local Ch5 Se zones @ Alt'n trans. zones. -Mult. Alt'ns -Sharp lower ctc	200046	0.181	0.05
										SS	Si5							0.4 104	0	0.1 104	0	As per below			
254.51	257.56		Si5 252.56 252.98 Si5		Qzcb Qzcb Qzcb					SS	Si5	0/20 -loc-	0	Hgy / dkgy	7	0/1 -loc-	1	0.4 104 102 440 420	0	0.1 104 102 440 420	Mo 0.1 420	Silicified m.g.-f.g. SS. - grains ~0.5mm - loc. BFP dykes. : 252.56-252.98m - KSi3 Alt'd. -Nice, bright yellow diss. cp.	047	0.395	0.11
259.56	260.60				Qz Qzcb Qz Qzcb					SS	Si5 KSi2 -loc-	0/5+ -loc-	"	Hgy / gy -loc-	7	0	1	0.4+ 104 102 440	0	0.1 104 102 420	Mo 0.2 420	As per above - Silicified with local, weakly, KSi-2 Alt'd zones BFP: 259.37-259.52m ZS: 259.95-260.65m	048	0.321	0.09
260.60	263.65		263.25		QzcbPy Qz Qz Qz Py/cp Qz/cp QzCp					SS BFP(a)	Si5 KSi2	0/10+	0	Hgybr	7	0	1	0.4 104 102 1120 440 0.7 104 102	0 0	0.3 440 104 102 420 0.4 104/2	Mo 0.2 420	As per above - Increasing KSi-2 Alt'n (→ dker gry) - local BFP zone's. As per below	049	0.400	0.12

Pacific Booker Minerals Inc.
Morrison Project

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
263.65	266.70				Qzcb; Qz+Ce(?); Qzcbpy; Qzcpmo	265.49	265.50	SFRVN	35°	BFP (A)?	KSi3 (QzSe4) -loc-	25	0	dkgy	7	1	1	0.5+ 104 102 420 422	0	0.4 104 102 420 442	Mo 0.2 420	-M.g BFP (local zones appear more c.g.; may be a result of silicification, ie. in next interval) -loc. QzSe4 Alt'n adj. to Vnlts - Inconcl. whether BFPA or BFP+Si; Still good min'n, BFPA never this prominant. Rare c.g. Biotite.	20050	0.631	0.20
266.70	269.75		20°; 20°; 269.47 ctc		Qzcpmo					BFP (A)?	KSi3	25	0	dkgy	7	1	1	0.5+ 104 102 420 442	0	0.4 104 102 420 442	Mo 0.2 422	As per above - with 2 zones of c.g. BFP (plag. phenos avg. 3+mm; rare Biot(c.g.) in BFP(A)).	052	0.442	0.12
											QzSe4	0	0	ylgy	7-			0.3 102/4	0	0.2 104/2	0	Trans through QzSe/Se			
269.75	272.80		272.06		Cb; Qzcb					BFP	ARSE3 Cb3 KL3	9/<10 Ag	4+	ylgy/gy	4/6+	9/1	1	0.2 102 104	0	0.2 102 104	0	- Interval dominantly ARSE Alt'd with large Cb component and KL alt'd plag. phenos.	053	0.598	0.17
			ctc sst		Qzcb; Qzcb					SS	Si5 QzSE5	0	1	lt.ylgy	6+	0	1		0		0	As per below			
272.80	275.84				Qzcb; PyQz; Cbpy Qzcb	272.80	274.29	BK	—	SS	Si5 QzSE5	0	0	lt.yl.gy	6+	0	1	0.6+ 420 102 104	0	1.0 424 420 102 104 460	0	M.g. - c.g. silicified sandstone. - Slightly Sericitic(?) = p.yl = QzSE - Decreasing grainsize from 272.06 downhole. - loc. BFP intr. - tarnished cp>py	054	0.530	0.15

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
275.84	278.89		277.79		Qz Cb Py	276.42	276.43	SHRVN	40°	SS	Si 5	0	0	lt.y/gy	6+	0	1	0.3 102 104	0	0.2 102 104 448	0	As per above - Local BFP towards basal ctt.	200053	0.551	0.19
			278.28 ARSE	73						BFP	ArSe3 KL3 KSi3	9/35	2/0	lt-y/gy / dk gy	3/7	9/1	1	0.4 104 102	0	0.3 104 102	0	M.G. BFP - upper portion KSi3 Alt'd to Alt'n ctc @ 278.28m, lower portion laminated ArSe3 Alt'd			
278.89	281.94		279.61		Qz Cb Py Cp	279.15	279.17	SHRVN	45°	BFP	(Ch3 (08))	0	2	My/gy	3	0	1	11 444	0	1.5 444	0	ZS: 279.17 - 279.33 m	056	0.586	0.24
			KSi2 / Qzse4		Qz Cb Cp Py Bn Qz Qz Cb					ZS	KSi2 Qzse4	20	0	gy bn / gy	7/6	1/0	1	0.7 302 420 104 102	0	0.5 302 420 104 102	Po 0.2 302	F.G. Siltstone - Dom. KSi2 Alt'd with zones of gy Qzse4 Alt'n			
			281.94																						
281.94	284.99		KSi3 / Qzse4		Qz Cb Qz Cb Qz Cp Qz Cp Py Mo Qz Cb Qz Cb					BFP	KSi3 Qzse4 Ch3	20+	0	dk gy bn	7/2	1	1	0.8 426 104 102	0	0.6 426 104 102	No 0.2 422	M.C. BFP - Cp > Py - Good discr. Alt'n. - Initially Qzse4 Alt'd, into KSi3 Alt'n, with Ch3 zones @ base.	058	0.708	0.19
			283.75 ArSe / Se							BFP	Se3 Qz Se3 ARSE	0	1	gy (cyl)	4/2	0	2	0.3 104 102	0	0.2 104 102	0	M.C. BFP - Various Alt'ns due to veining - Through Ch & ArSe Alt'd BFP to Se Alt'n. to EOI.			
284.99	288.04		Se / Qz Se		Qz Qz Cb Qz Cp Qz Cb Qz Cb/Qz Py Cp Qz Py Cp Mo	285.43	285.47	SHRVN	85°	BFP	Se3 Qz Se ARSE4	0	1	gy (cyl)	4	0	4	0.6 104 434 104 102	0	20 104 434 104 104	No 0.3 426	Dcont'd Se Alt'n through veined section, with - Qz Cb/Qz veins near 11 to CA	059	0.601	0.17
			287.12 ARSE5 / ARSE4		Qz Py Cp Mo Py Qz	287.10	287.12	SHRVN	85°		ARSE4 -5	0	1	gy y/l	2/3	0	2	0.5 104 102	0	0.3 104 102	0	Dom. Argillic (ArSe4 to 5) Alt'd BFP, with kl Alt'd plag. phenos.			
																		300		300					

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bi (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
288.04	291.08		ARSE ξch-4 290.60		PyQz PyQz					BFP BFP	ARSE 5-4 Ch-4 KSi3 QzSe-4	0 20+	1 0	ylgy dkgy	3-4 7	0 1	1 1	0.6 104 102 300 0.7 104 102	0 0	1.8 302 300 420 104 102 0.6 104/2	0 0	As per above As per below	200060	0.766	0.20
291.08	294.13		KSi ξQzSe		QzCb QzCbPy QzCbPy QzCbPy					BFP	KSi3 (QzSe-4) -loc-	20+	0/1	dkgy/gy	7	1	1	0.8 104 102 420 200 300	0	0.6 104/2 442 420 300	0	M.G. BFP - Nice KSi3 Alt'n w good Cp (>Py). - Local vein-related QzSe Alt'n.	061	0.758	0.23
294.13	297.18	→	294.84 ArSe 296.47 ξQzSe	59 90	QzCbPy... QzCbPyCp	295.09 297.12	295.13 297.17	SHRVN SHRVN	30° 30°	" BFP	" ARSE 4/3	20+ 0	" 1	" lt gy	7 2/4	1 0	1 3	0.8 104/2 0.4 104/2 300 0.6 104/2 444	0 0 0	0.6 104/2 0.3 104/2 300 1.0 444 424 104/2	0 0 0	As above Argillic (ArSe 4 to 3) Alt'd mg BFP - vein-rel alt'n As below	063	0.912	0.33
297.18	300.23		KSi		QzMoCpPyPo QzCbPyCpPl QzMoCpPyPo					BFP	KSi3 QzSe4 -loc-	25	0	dkgy/gy	7	1	1+	0.8 104/2 424 300 420	0	0.6 104/2 424 300 420 444	Mo 0.1 424 Po 0.3 424	M.C. BFP - KSi3 Alt'n w Cp > Py (diss) - loc. vn-related QzSe Alt'n - Mo ± Po in Qvnlts. - 20% f.g Biot, ~5% c.g biot	064	0.875	0.27

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bl (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
300.23	303.28				Qzcb Qzcb Qzcb Qzcp Qzmcpy					BFP	KSi3 QzSey -loc-	25	0	dkgy/gy	7	1	1	0.9 104/2 426 300 420	0	0.6 104b 300 420 444	Nil 0.5 426	As per previous M.G. BFP - Potassic - Silicic (KSi-3) Alt'n is local QzSey Alt'n related to Unit - qztmb veins	200005	0.925	0.27
303.28	306.32				Qzmcpy Qzmcpy Qz Qzcb Qzmcpy					BFP	KSi3 QzSey -loc- Cb2 -loc-	25	0/2 -loc-	"	7	1	2	0.8 104b 426 420 300	0	0.6 104b 426 420 300	Nil 0.3 426 420	As prev.	066	0.912	0.29
306.32	309.57				Qzcpmcpy					BFP	"	25	0	"	7	1	1	0.8 104b 420	0	0.6 104b 420	Nil 0.2 422	As prev.	068	0.859	0.29
	309.57		core loss																						
309.57	312.42				Qzcb Qzmcpy Qzcp Qzpyc Qzmcpy Qzcbpy					ZS	QzSey K1 -loc-	0/45	0	ylgy -gy	6+	0	1	0.5 302 480 102 104	0	0.3 102 104 420	Nil 0.2 424	m-c.g. ZS (fig. 557) with QzSey Alt'n and local K1 relicts - Uniform - Intensely silicified, mod. sericitized.			
312.42	315.47				Qzcp Qzpyc Qzmcpy Qzcbpy					ZS	QzSey K1 -loc-	0/45	0	"	6+	0	1	0.3 102 420 104 300	0	0.5 442 426 1044	Nil 0.3 422	As above / below	069	0.976	0.17

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-92-63

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
312.42	315.47				Sil+Cp Py; Cb Cp Ht; Sil + Q2 Cp tHe vnlts					ZS	Q2Se4	0	0	lt gn-gy (lt drab)	6	0	3	1.2 420 440	0	<1 440	Mo 0.5 440	- Mgr - cgr ZS, grainsize ≤0.1 mm. - Mod sil, int Se-alt - Q2±Cp vnlts, rare Q2Cb vnlts	200070	0.530	0.12
315.47	318.52		317.30		Q2 Cb Cp; Q2Cp; Cb Q2 Cp	316.80	317.00	Q2 Cb Ht Cp vn	40	ZS	Q2Se4 Kl (Tr loc)	0	0	lt gn-gy (lt drab)	6	0	3	1.3 420 440	0	1 440	Mo 0.5 440 446	- As above.	071	0.504	0.13
			GRAD CTC		Cb; Cb					BFP	K4	35	0	med bn	6⁻	0-1	2	2 104	0	0.5 104		- Mgr BFP dyke. - Dk bn Bi phenos 10-20%, interst groundmas Bi 20%			
318.52	321.56		318.85 CTC 45		Cb; Cb halos; Cb (Q2) Cp tMo; Cb Py					ZS	Se4 Si2	0	0	lt gn-gy (lt drab)	4-5	0	3	<1 442	0	1 462	Mo <0.5 442	- Wk-mod Sil, int Se-alt - Massive vfg "aphanitic" ZS - ArSe4 alt'd BFP dyke at 320.45-320.85. - Dominantly Cb vnlts	072	0.239	0.09
321.56	324.61				Cb; Cb; Q2 Cb					ZS	Se4 Si2	0	0	lt gy-gn (lt drab)	4	0	3	0.8 442	0	1 442		- As above.	074	0.149	0.05

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-63

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Cal/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
324.61	327.66				Cb=(Py) Qz Mo Py Cp Mo Cb Cb Qz Cb Mo					ZS	Se 4 Si 2	0	0	lt drab (gy-gn-bn)	4	0	3-4	0.8 440	0	<1 440	Mo 0.5 442	- As above	20035	0.234	0.08
327.66	330.71				Cb Py Cp vnlts Cb Qz Py Cp Mo	network				ZS	Se 4 Si 2	0	0	lt drab (gy-gn-bn)	4	0	3-4	0.8 462	0	1 462	Mo <0.5 462	- As above. - Network of irreg Cb Py Cp Mo vns/vnlts in 1st m. Cp usually tarnished.	076	0.219	0.08
330.71	333.76				Cb Py Cb Cb					ZS	Se 4 Si 2	0	0	lt drab (gy-gn-bn)	4	0	3	0.5 460	0	1 462 300		- As above - Mostly barren Cb vns.	077	0.142	0.05
333.76	336.80				Cb Py/Cb Py vnlts Cp Cb Cb					ZS	Se 4 Si 2	0	0	lt drab (gy-gn-bn)	4	0	3	0.5 465	0	1 462 306		- As above	078	0.187	0.06

SG

Hole: MO-02-63

Pacific Booker Minerals Inc.
Morrison Project

Visual						Structures				Descriptive															Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	(%)	Cu/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
336.80	339.85				Cb Q₂(Cp)PyCp Cb Py Q₂Cb Cp Q₂Mo					ZS	Se4 Si2	0	0	lt drab (gy-gn-bu)	4	0	3	0.6 442 444	0	1 462 300		- As above.	200080	0.259	0.09
339.85	342.90				Q₂(Cb) Py=Cb vnlts Cb	340.35	340.55	Q₂(Cb) CpMo	20	ZS	Se4 Si3	0	0	lt drab (gy-gn-bu)	4-5	0	4	0.8 442 440 104	0	1 442 462 300	Mo Tr	- As above - Diss Cp Loc.	081	0.494	0.13
342.90	345.95				CbCa Cb Sp Py Cp (Cb) Py=Cp vnlts					ZS	Se4 Si3	0	0	lt drab (gy-gn-bu)	4	0	3	0.8 440 300	0	1 442 300		- As above	082	0.358	0.12
				END OF HOLE		!!!																					

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Morrison Project

Hole ID: MO-02-64	Nominal Collar Coordinates: 670806 E ; 6118840 N						Hole Type: NTW, NQ (54.10 – 105.16 and 129.00 – 300.2'
Date Started (drilling, logging): April 1/02 ; Apr 02/02	Surveyed Collar Coordinates:						Material left down hole: casing
Date Completed (drilling, logging): Apr 09/02 ; Apr 09/02	Depth: surface	Depth: 13.72	Depth: 105.16	Depth: /	Depth:		Base of strong oxidation: weak Lm down to 3m
Contractor: Falcon Drilling	Azimuth: 90	Azimuth: 93	Azimuth: 87	Azimuth: /	Azimuth:		Top of bedrock: 2.50
Geologists: D Hladky ; K. Lesnikov	Dip: -60	Dip: -57	Dip: -57	Dip: /	Dip:		Purpose of Hole:
Section: 8840 N Map Reference: 3200-4	Survey Method: Sperry-Sun						

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	CaCb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0.00	2.50									OBD												- One angular wk Lm BFP fragment, one s/c conglomerate fragment and some broken Lm-clay alt'd ZS frgs. Rec < 10% - Drillers reported bedrock at ... m	No sample!		
2.50	4.57				Py=Lm vnlts Py=Q vnlts					ZS	Se3	0	6	lt gy	3-4	0	3	0	0	3 302 104		- Hornfelsed, se-alt'd massive vfg ZS. - Lm staining along frcs down to ~3m	200083	0.370	<0.01
4.57	7.62		7.30 alt chng?		Py Py Py					ZS	Se3	as above										- As above.	084	0.330	<0.01

Hole: MO-02-64

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bi (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
7.62	10.67				Py, Cb, Qz Py					ZS	K3?? Se3, (Cb3) loc	5-10 ???	0 (non calc), Cb3 loc	black, dk gy	4-5	1-3 loc 0	2	0	0	<1 3D2		- 7.30 - 11.30 black/dk gy, mod hard, magnetic massive vfg "aphanitic" ZS. - fgr diss, perv sec Bi, or possibly chlorite, gy scratch ??? - loc bridge Cb alt (<10% of the interval	20005	0.012	<0.01
10.67	13.72		11.30 alt chng; 13.30 alt chng		Cb/Py vnlts; Py; Py; Py±Cb; Cb					ZS	Cb 3 K3?? Se 3	0, 5 loc	3-4 (non calc)	bridge dk gy/ loc	3 black	0, 3 loc	3	0	0	2 3D2		- Bridge, soft, pervasive Cb alt. Rare Cb vns/vnlts. - Loc black K-alt remnant (10-20% of the interval)	086	0.016	0.02
13.72	16.76				Py, Cb, Py, Cb					ZS	Se 3+	0	0	med gy bridge (lt drab)	3	0	2-3	0	0	3 104 302		- Soft, mod-int Se-alt'd vfg massive ZS. - Diss fg Py mostly	088	0.010	<0.01
16.76	19.81				Qz Cb Py, Cb					ZS	Se 3+	0	0	med gy bridge (lt drab)	3	0	2	0	0	3 104		- As above.	089	0.08	0.02

Hole: MO-92-64

Pacific Booker Minerals Inc.
Morrison Project

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86					PyQzSc PyQzSc QzCbPy QzCbSc PyQzSc QzCb					ZS	Se_3	0	0	gy = pale gr brn	4+	0	1	0.2 302 300 102	0	0.6 302 300 102 104	0	F.G. Siltstone - Sericitic Alt'n (S_1) - Grey with pale-green tint. - local blotchy f.g. discs. Py. ICP - Pyrite Halos	200090	0.008	<0.01
22.86	25.91					PyQzSc PyQzSc QzCb QzCb	24.80 25.70	25.20 25.91	BLK BLK	IR IR	ZS	Se_3	0	0	"	4+	0	1	0.2 302 300 102	0	0.8 102 104 302 300	0	As above	091	0.033	<0.01
25.91	28.96					QzSc QzScPy QzScPy					ZS	Se_3	0	0	"	4	0	1	0.2 300 102	0	0.8 102 104 300 302	0	As above	092	0.010	0.03
28.96	32.00					QzSc PyQzSc QzScPy QzScPy QzScPy					ZS	Se_3	0	0	"	4	0	1	0.2 102 300	0	0.6 102 104 420		As above	094	0.038	0.01

SG

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
32.00	35.05				Py Qz QzSePy Py PyQzSe QzSe QzSePy	33.40 34.70	34.90 34.76	BLK GGE	IR 35°	ZS	Se3 (Cb2) -loc-	0	0/1	gy lgn fnt	4	0	1	0.2 102 300 302	0	1.0 304 302 422 102 104	0	F.G. siltstone as previous - Serucite alt'n with local, mild, carbonate alt' - (blotchy in diss py zones).	200095	0.027	<0.01
35.05	38.10				PyQzSe QzSe QzSePy PyQz QzSe					ZS	Se3	0	0	"	4	0	1	0.2 302 102 300	0	0.7 102 104 300 300	0	As above	096	0.023	<0.01
38.10	41.15				QzSe PyQzSe QzSe PyQzCb QzSe Py	39.62	-	SLK	30°	ZS	Se3	0	0	"	4	0	1	0.2 302 102 300	0	0.9 302 300 442 104 102	0	As above - Increasingly fract. down-hole. Approaching FZ	097	0.09	<0.01
41.15	44.20				QzSe Se QzSe QzPy QzSe QzCb QzSe QzSe	41.51 43.15	47.30 -	BLK SLK	IR 20°	ZS	Se3	0	0	"	4	0	1	0.2 300 102	0	0.8 302 102 104 420	0	As above - In blk interval, local surfaces to gge/csh (few mm thick) - Highly fract.; approaching FZ. - Mult. slk surfaces @ btw 20°-30°	098	0.012	<0.01

Hole: MO-02-64

Pacific Booker Minerals Inc.
Morrison Project

Visual						Structures				Descriptive															Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
44.20	47.24					Qz Cb Py Qz Cp Py Cp Qz Py Qz Py Qz Cp As Py Qz	46.07	46.21	SHRVN	40°	ZS	Se3	0	0	Gy/w grn tint	4	0	1	0.4 426 302 300 102	—	1.0 426 302 300 102 104	As 0.2 426	- F.g. Siltstone - Blk ± loc. shr ± shr. Vn. - Pre - FLT, not quite SHR-2S	100100	0.054	0.22
47.24	50.29					Qz Se Py Qz Se Py Qz Se Py					ZS	Se3	0	0	"	4	0	1	0.2 102 300 420	—	0.7 422 102 104 300 302	—	As above	101	0.020	0.01
50.29	53.34					Py Cb Cb Cb Py Py Cb Cb					ZS	Se3+	0	0	md gy (bu-blue)	3	0	2	Tr 302	0	2-5 104 462 302		- Soft, mod-str Se-alt'd massive fg ZS.	102	0.021	<0.01
53.34	56.39				BLK	Cb vnlts Py ± Cb	53.90	56.00	BLK		ZS	se3 Cb2	C	Cb 2	lt tral (gy-bu-grn bridge)	4	0	3	0	0	2 104 302 462		- Wk - mod Cb alt'd Se3 vfg ZS. Less diss Py than above - 54.10 - 56.00 blocky core Rec ≈ 25%, some caved/redrilled core - Reduced to NQ at 54.10	103	0.004	<0.01

Hole: MO-82-64

Pacific Booker Minerals Inc.
Morrison Project

Visual					Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
56.39	59.44				Cb Py Cl	58.50	61.30	BLK		ZS	Se 3 Cb 2	0	Cb 2	lt drab	4-3	0	2	0	0	2 104 462 302		-As above	106005	0.003	<0.01
59.44	62.48		61.30 APPROX		Py Cb Py					ZS	Se 3 Cl 2	0	Cb 2	lt drab	4-3	0	2	0	0	2 302 104		-59.44 – 61.30 blocky ZS, same as above. -Rec seems to be approx 100%	106	0.023	0.01
										UNK												-61.30 – 62.48 no recovery, beggining of the fault.			
62.48	65.53					62.48	65.53	FLT	30-60	FLT	Se4, Si4 loc (fr)Se5 loc	0	0	gy, beidge-gy	2-6	0	N/A	0	0	Tr 302		-62.48 – 65.53 · approx 1.10m recovered (rec ≈ 30%). In First 40 cm mod-str silicif'd SHR ZS. The rest of recovered core is intensely tectonized/ crushed and wk "silicif'd ZS. -several black SeGp shr planes 30 or 60° TCA	107	0.060	0.02
65.53	68.58			CS4		65.53	68.58	FLT CS4		FLT	Se4, Si4	0	0	gy	N/A	0	N/A	0	0	Tr 302		-65.53 - 67.36 Approx 40cm of silicif'd ZS pebbles recovered. Some redrilled and caved core. -67.36 – 68.58 Approx 70cm of crushed/int tectonized ZS "sand". Mod-int silicif'd.	108	0.052	0.02

Pacific Booker Minerals Inc.
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Hole: MO-02-64

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bl (%)	Ca/Co 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
68.58	71.63			BLK CSN		61.50	78.90	FLT		FLT	Si4 + Se3	0	0	lt gy, lt bu-gy	N/A	0	N/A	0	0			-68.58 - 69.20 approx 10 cm of ang, broken pebble size sil ZS, some caved material also -69.20 - 71.63 approx 70 cm int tectonized/ground to sand sil ZS.	200110	0.081	0.03
71.63	74.68			CSN BLK						FLT	Si4 + Se3	0	0	lt gy, lt bu-gy	N/A	0	N/A	0	0			-71.63 - 74.68 approx 120 cm recovered; 60% sand size ground sil ZS (upper part of the interval) and 40% pebble size sil ZS.	111	0.070	0.03
74.68	77.72			Arg ?						FLT	Si4 + Se3, Ar5 Loc	0	0	lt gy, lt bu-gy	2-6	0	N/A	0	0			-74.68 - 77.72 approx 70 cm recovered; 50% pebble size sil ZS and then 30-40 cm int clay alt'd ZS	112	0.03	0.07
			APPROX 78.90							UNK	-	-	-	-	-	-	-	-	-	-	-	-77.72 - 78.90 no recovery probably clay washed away			
77.72	80.77			BLK	dbPg CbFVN Bx	80.15	80.30	FLT-VN	30	SS	Si4	0	0	lt gy	6+	0	2	1.2 104	0	<1 104		-md grained sil SS. Grainsize 0.5-1 mm -79.10 - 79.55	113	0.210	0.09

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-64

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
80.77	83.82		83.82		Se $Q_2(Op)$ CbQ_2Py $CaPy$ Q_2Cp Ca					SS	Si4	0	0	lt gy, loc drab hue	6-7	0	3	1.3 104 422	0	<1 104 302 462	Mo TT 104	- As above - Loc irreg lt drab vfg Se3 alt'd ZS	200114	0.174	0.08
83.82	86.87		CTC ~ 90		Q_2CpPy (CL) Q_2 gy Op Q_2Cb					BFP	Se Ar3 + Cb3, Si4 loc	0	Ca 2, 0-1 loc	buff-gy	5-6, loc 6-7	0	3⁻	0.6 104 442	0	1.5 104		- Mgr BFP: white wk-mod calc kaolin alt'd Pl phenos up to 5mm across, ~30%. - Bn wk-mod Se alt'd Bi phenos ~10%, cream Cb alt'd mafics ~20%. - 84.50-85.60 very hard siliceous; network of irreg gy opal vns - sil flooding	200116	0.167	0.04
86.87	89.92				Se SHR $Q_2(Op)$ Cb Q_2 Op					BFP	Ar Se3 + Cb3, Si4 loc	0	Ca 2 1 loc	buff-gy	5-7	0	3	0.9 104	0	1.5 104		- As above - Most of the interval is mod-str silicif'd (silica flooding related to late irreg gray Q_2(opal) veining)	200117	0.363	0.10
89.92	92.96		92.75 alt change		Cb $Q_2(Op)$ $CbQ_2(Cp)(Py)$ Q_2CpPy	90.80	91.75	CbQ_2 $(Py)(Cp)$ vn	30-45	BFP	Ar Se4 + Cb3	0	2	buff-gy	5	0	2	<1 104	0	1.5 104		- As above, but wk silicif'd - 90.80-91.75 $CbQ_2(Py)(Cp)$ vn. Contains 30-50% BFP frgs, no evidence of FLT.	200118	0.962	0.17

Hole: MO-02-64

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
92.96	96.01		+ + (94.24 Grad)		Qz; Qz					BFP	KSi3	20-	0	dkgy	7	1	1	0.7 104 102 300	0	0.6 104 102 300	0	M.G. BFP - KSi3 Alt'n ≈ good cp>py - cg biot > f.g.	200119	0.458	0.23
			+ + (95.49 Grad)	gge	QzCb; QzPyCp; QzAsSp; QzAsSp	94.61	94.71	SHR Zn	30°	BFP	Se3 Cb2; ArSe2	0	cb 1	gy-ltgy	5	0	2	0.4 102 104 420 300	0	0.3 102 104 420 300	As 0.3 422 Sp 0.2 422	M.G. BFP - Sericite (shear-vein related) Alteration, with carbonate Alt'n, and locally stronger developed ArSe Alt'n.			
			+		QzPyCp					BFP															
96.01	99.06		+ + (97.70 Grad)		QzCb; QzSe					BFP	KSi3	20-	0	dkgy	7	1	1	0.7 104 102 300 420	0	0.6 104 102 300 420	0	M.G. BFP - KSi3 Alt'n as previous	120	0.437	0.12
			+ +		QzSe; QzCb; QzPyCp; QzMo; QzCbPyCp	98.96	99.01	SHRVN	20°	BFP	QzSe3 Cb2 K2+ -loc-	0/10+ -loc-	cb 1	gy-ltgy	6-	0	2	0.4 444 420 104 102	0	0.8 444 420 104 102	Mo 0.2 422	M.G. BFP - Vein-related QzSe3 Alt'n with local			
99.06	102.11		+ + (100.63 Grad)		QzCbPyCp; QzCb					BFP	ArSe2 -loc-	"	"	"	6	0	2	"	0	"	0	K2+ relicts	122	0.496	0.30
			+ + QzSe		QzSe					BFP	K3 (±Si) QzSe4	20-	0	gy-dkgy	7-	1	1	0.6 104 102 420	0	0.5 104 102 420	0	M.G. BFP - Potassic-Silicic (KSi3) Alt'n with local, vein-related, QzSe Alt'n			
102.11	105.16		+ (102.96 Grad@10°)		Qz						"	"	"	"	"	"	"	"	0	"	0		123	0.598	0.50
			+ + K2; K2		QzCbPyCpMo; QzCbPyCp; QzCbPyCp; QzCb; QzCbPyCp					BFP	Se3 Cb2 (±Si) K2 -loc-	0/5+ -loc-	cb 1	gy (±lt cb)	6	0	2	0.9 442 442 104 102 420	0	1.5 442 442 104 102 420	0	M.G. BFP - Sericite alt'd due to high amount of veining. Local K2 Alt'd zones. - Good Py/Cp in veins.			

Hole: MO-02-64

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Si (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
105.16	108.20				[illegible]					BFP	Se3 Cb2	0	1+	gy(tyl)	6	0	2	0.8 424 442 422 106 104	0	1.8 424 442 422 106 104	Sp 0.2 442 Mo 0.2 422	NQ to NTW @ 105.16m As above	200124	0.800	0.051
			107.51 GRAD							BFP	K3	30	Ca 1	dkgy	6	1	1	0.7 106/4 302 200	0	0.6 104/2 302	0	As below			
108.20	111.25				QzMo Ca Ca Qz QzMo Ca					BFP	K3 (±Si)	30	Ca 1 -loc diss ± wlts	dkgy	6+	1	1	0.7 106 104 102 200 300	0	0.6 106 200 104 102 420	Mo 0.2 424	M.G. BFP - Potassic (K3) Alt'd, dkgy, BFP. Less siliceous than KSi3 - Good Cp > Py	125	0.609	0.17
111.25	114.30				Qz Qz QzCb	113.90	115.00	BLK	IR	BFP	K3 (±Si)	30	Ca 1	dkgy	6+	1	1	"	0	"	0	- As above - local Blk intervals.	126	0.413	0.12
114.30	117.35		115.18 CTC GD		Qz					BFP	K3 (±Si)	30	Ca 1	dkgy	6+	1	1	0.6 104 200	0	0.7 200 104	0	As above	128	0.786	0.09
				~~gge	QzSe ±Py4 Vnlts QzPyCp QzPyCp	117.05	117.08	GGE	60	ZS	QzSe4 KSi3 / ArSe3 ± K3 (BFP)	0/20	0	gy - dkgy	7	0/1 -loc-	1	0.2 102 420 422	0	0.2 102 420 422	0	F.G. Siltstone - Dominantly (60%) QzSe4 Alt'd to local KSi3 (40%) relict cores - FLT GGE into interval of BFP @117.05m (BFP: 117.05-117.74m)			

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Morrison Project

Hole: MO-02-64

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
117.35	120.40		117.74; QzSey/Sch3		QzPyCp; QzCb; QzSe Sty Vlts; QzCb; Qz; QzPy	117.85	118.40	BLK	IR	ZS	QzSey KSi3 -loc- (ArSes ≡ K+3 (BFP))	0/20 -loc-	0	gy(±yl)	7 / 2 (-loc-)	0/1 -loc-	3+	0.2 102 420	0	0.4 102 420 440	0	F.G. Siltstone QzSey > KSi3 Alt'n (relict cores)	200129	0.351	0.08
120.40	123.44				QzSe ±Py Vnlts; QzPyCp; Qz±PyCp; QzCb; QzPyCp; QzPyCp					ZS	QzSey KSi3 -loc-	"	0	gy(±yl)	7	"	3+	0.3 420 422 102	0	0.4 420 422 102	0	As above	130	0.474	0.14
123.44	126.49		126.30 CTC 35°		Qz; QzPy; QzCb; QzPy; QzPy; QzPy/QzCb; QzPy/QzCb	126.07	126.12	stkwy	30°	ZS	QzSey KSi3 -loc-	"	0	gy(±yl)	7	"	3+	0.2 420 422 102	0	0.3 420 422 102	0	As above	131	0.206	0.13
										BFP												As below			
126.49	129.54				QzCbPy; QzCbPyCp	128.27	128.33	Qz Vn	35°	BFP	K3 (QzSey -loc-)	30+	0	dkgy/blk	6	1	1	1.2 106/4 102 200 420 426 300	0	1.8 106/4 200 420 426 300	Mo 0.2 426	- Dk. gy to blk, m.g., $K_3^{(+)}$ alt'd BFP. Good. Min'n (diss; 106/4/2) - Cp > Py - local QzSey Alt'n adj to some units. - Reduced to NQ @ 129.00m	132	0.587	0.18

Hole: MO-02-64

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Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
129.54	132.59				Qz Qz Mo Qz±Py vnlts Qz Bi Cb Qz Py Qz±Py	Mo				BFP	K4	35+	0	black jet	6-7	0	3-	1.5 10C	0	2+ 10C 200 422	Mo Tr 442	- Mgr BFP, Pl phenos <5mm, black Bi phenos <2mm, 10-20%, black fgr sec Bi in groundmass ~20%. - Fgr - mgr diss Cp < diss Py - only minor Cp along frcs	200134	0.496	0.13
132.59	135.64				Cb Qz Qz±Py network Cb Qz Qz±Py network					BFP	K4	35	0	black jet	6+	0	3	1.3 10C	0	20 10C 422	Mo Tr 442	- As above. - Minor 200 Py	135	0.445	0.10
135.64	138.68		138.10 Gabbro dyke		Qz±Py±Mo network Cb Qz					BFP	K4	35	0	black jet	6-7	0	3+	1.3 10C	0	2.5 10C 421	Mo <0.5 422	- As above - Mgr BFP, same as above	136	0.446	0.13
138.68	141.73				Qz Cb Py Qz Py (Cp) Cb (Qz) Py Cb	140.20	140.33	Cb (Qz) Py Se / SHR-vn	30°	BFP	Se Ltr 3 + Cb 3-, Qz Se 3 loc	0	Ca 0, loc 1	md gy-beige, md gy loc	3-5	0	2-3	1.5 10C	0	1.5 10C 422		mod-str Ke alt'd w/ Pl phenos (wk-non calc) Variable amount of gy Se in groundmass. Bridge Cb alt'd mafics. - 140.70 - 141.40 hard gy Qz Se 3, Ke very weak	137	0.677	0.19

Hole: MO-02-64

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bl (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
					Ca Cb Qz±Cl Cb					BFP			as	per	above							- Steep CTC, 50cm (<5° TCA)			
141.73	144.78		142.55 CTC <5°		Cb Cb Se Cl Cb					SS	Q_2Se3	0	Ca 0	md gy yl-gn hue	5-6+	0	3	1.2 104 420	0	1.5 104 420		- Fgr SS, grainsize <0.5mm - Mod sil, mod-str Se-alt - Irreg Q_2±Py±Cp vnlts network - Subparallel late barren Cb vns loc (gen <30° TCA)	200730	0.900	0.11
144.78	147.83				Cb Cb Cb Se Py/SHR Cb					SS	Q_2Se4^+	0	0	md gy yl-gn hue	7-	0	3	1 104	0	2 104		- As above	140	0.286	0.11
147.83	150.88				perv Cb repl Cb Se SHR Cb Se Py (Cb) Q_2 (Cb)					SS	Q_2Se4 $Cb4^-$ loc	0	0, 3 loc	md gy yl-gn hue	5-7, 3 loc	0	3	1-2 104	0	2- 104		- As above. - Pervasive Cb replacement at 147.65 - 149.00 (Cb≈20%vol)	141	0.531	0.16
150.88	153.92		152.80 CTC=VN 29°		Cb Q_2(Cb) Q_2Cb Q_2CbPySe/SHR Q_2CbPyCp vnlts	152.55	152.80	Q_2Cb Se Py vn/SHR	20°	SS	Q_2Se4	0	0	md gy yl-gn hue	7-	0	4-	1 104	0	1.5 104		- As above - Sheared lower ctc	142	0.320	0.14
										ZS	Se4	0	Ca 0	gn-yl-gy (olive gn)	4-5	0	4	0.7 440	0	1.5 440		- Mod-str Se-alt'd vfg massive ZS			

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Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Ca/Cb 1-6	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97				Cb±Q2Py±Cp vnlts Cb Q2(Cb)Cp Py					ZS	Se4, loc Cb3	0	Ca 0-1, Cb3 loc	gn-yl-gy (olive gn)	4	0	4	0.6 440	0	1.5 462 440 104		- As above - Loc light Cb haloes around CbPy vnlts diss Py in Cb alt'd rock (Cb-alt = 20-30% of the interval)	220143	0.227	0.06
156.97	160.02				CaPy vnlts Q2Py±Cp Cb Q2(Cb)Py CpMo					ZS	Se4, loc Cb3	0	Ca 0-1, Cb3 loc	gn-yl-gy (olive gn)	4	0	4	0.5 440	0	2 462 440 104	Mo Tr 444 442	-As above.	145	0.390	0.1
160.02	163.07				Cb CbPy vnlts Q2 Cb±Py					ZS	Se4, loc Cb2	0	Ca 0, Cb2 loc	gn-yl-gy (olive gn)	4	0	4	0.5 440 442	0	2 462 442 104		- As above . Less Cb-alt (<20%)	146	0.327	0.08
163.07	166.12				Q2PyCp Q2PyCp CbPy vnlts + Q2±Cb±Py±Cp vns network					ZS	Se4	0	0	gn-yl-gy (olive gn)	4	0	4	0.6 422	0	2 462 422		- Olive gn, mod hard. Sc4 alt'd vfg massive ZS.	147	0.290	0.11

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
166.12	169.16				QzCbPy Qz QzCbPyCp QzPyCp QzCb QzSe ±Cb ±Py Vnlts ↓	166.37 168.61	166.41 168.84	SHR VN SHR VN	33° 34°	ZS	Se4 Cb1	0	Cb 1 / Ca1 -loc-	ylgygn (olive gn)	4	0	2	0.2 442 422 420 102	0	0.9 442 422 420 102	0	F.g Sltstn - Sericite (Se4) Alt'd. - 168.61-168.84m: Fract-Filling/SHR VN - Bx ZS in QzCb. Not cut, only text.	200148	0.331	0.09
169.16	172.21		Ch 171.59 Grad		QzCbPy QzCb QzPyCp QzCbPy QzCbPy					ZS	Se4 Cb1 (Ch3 -loc-)	0	"	"	4-	0	2	"	0	"	0	As above - Grad. increase in Si @ 171.59. (Through a 10cm ch int. ~30cm prior) As below	150	0.370	0.09
172.21	175.26		172.63 Grad 175.26 GD		QzPyCp QzPy QzCbPyCp					ZS ZS	QzSe4 KSi3 (Cb1) QzSe3 (Cb1)	0/(40) loc 0	Cb1 Cb 1	ylgygn/(blk) -loc- ylgygn (ol.gn)	7 7-	1 0	1 1	0.3 420 422 104/2 300 0.2 420 104/2 300 440	0 0	0.4 420 422 104/2 300 0.4 420 104/2 300 440	0 0	F.G. Sltstn; QzSe4 Alt'n with relict KSi3 cores. - Mag & incr. H - 25% KSi3 F.G Sltstn as above, loss of KSi3 zones; non-mag. SG	151	0.338	0.08
175.26	178.31		GD 176.38 GD v.loc KSi3		Qz QzCbPy QzCbPy QzSe					ZS ZS	QzSe4 KSi3 (Cb1) QzSe3 (KSi3) -loc-	0/(40) loc 0/(10) v.loc	Cb 1 Cb 1	ylgygn/(blk) "	7 "	1 0/1 -loc-	1 1	0.3 104/2 420 300 422 0.3 104/2 440 420 300 422	0 0	0.4 104/2 420 300 422 0.5 442 104/2 420 427 300	0 0	F.C. Sltstn as above, again with relict KSi3 cores - 20% KSi3 F.C. Sltstn - QzSe3 Alt'n with v. local KSi3 Alt'n (<5%)	152	0.355	0.11

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Morrison Project

Hole: MO-02-64

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
178.31	181.36		ξksi3 181.36		Qzcb QzcbPy QzSe ±Cb ±Py Kf Vnlts ↓ Qzcb	181.25	182.09	BLK	IR	ZS	QzSe4 KSi3 Se3 Cb1	0/25	Cb 1	ylgygn/(blk)	7/5	0/1	1	0.3 102 440 400 300	0	0.4 102 440 400 300	0	Sltstn - QzSe4 Alt'n with loc. KSi3 relict zones. Decreasing Si towards base. - KSi3 ~7%	200153	0.339	0.09
181.36	184.40				Qzcb Qzcb Qzcb QzcbPy	182.09 183.20	182.15 184.14	CSH BLK	IR IR	ZS	QzSe4 KSi3	0/25'	cb 1	ylgygn/blk	7	0/1	1	0.4 102 300 420 440	0	0.6 102 104 442 440 420	0	Sltstn as above - KSi3 Alt'n 20%+	154	0.295	0.08
184.40	187.45		184.68 ξcb2 Sc/Kb cb2		Qzcb QzcbPy Qz QzCb	184.35	184.68	BLK	IR	ZS ZS	" Se3 (±Si) Cb2	" 0	" Cb 2	" ylgygn	7 4	0/1 0/1	2 2+	" 0.2 102 440 420	0 0	" 0.7 102 104 442 440 420	0 0	As above Sltstn - Transition with increased Cb alteration, and loss of Qz to Se3 Alt'n.	156	0.494	0.10
187.45	190.50		189.98 CTC IR		QzCb QzcbPy QzCb±Py Qz					ZS BFP	" K3+ (±Si)	0 45	" 0	brYl dkgy/blk	4 6+	0/1 1	2+ 1	0.3 104/6 442 420 0.8 104/6 102 420	0 0	0.8 104/2 442 0.5 104/6 102 420	0 0	As above - color shift to lt. brn-yl; more uniform/massive looking than prev. M.G. BFP - slightly QzSe4 alt'd at trans to dk gy/blk KSi3 Alt'n - cp > py	157	0.515	0.12

Hole: MO-02-64

Pacific Booker Minerals Inc.
Morrison Project

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
190.50	193.55	100	+ + + + + + +		Qz Mo Cp Qz Qz Mo Cp Qz Mo Qz Mo	vnlts				BFP	K4	30	0	dk gy	7-	W	3	1.3 104 106 422	0	2 104 106 422	Mo <0.5 424	-Mgr int K-alt'd BFP. Bi phenos 1mm across 10% vol for sec groundmass Bi ~20% - mod silic.	20058	0.66	0.18
			+		Qz Mo	193.22	193.26	Vn	65																
193.55	195.07	100	+ + +		Qz Mo Cp Py Qz Mo					BFP	K3	30	0	dk brn gy	7-	1+	1	0.9 106 104 422 102	0	1.5 106 104 422 102	Mo 0.2 422	As above	159	0.43	0.21
EOH																									

Pacific Booker Minerals Inc.
Morrison Project

Hole ID: MO-02-65	Nominal Collar Coordinates:		Hole Type: HQ (to 55m)
Date Started (drilling, logging): April 9, '02; April 10, '02	Surveyed Collar Coordinates:		Material left down hole: casing
Date Completed (drilling, logging): April 13 '02; April 14 '02	Depth: surface / Depth: 13.72m / Depth: 100m / Depth: 200m / Depth: 291.08		Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 90° / Azimuth: 91° / Azimuth: 87° / Azimuth: 88° / Azimuth: 90°		Top of bedrock: 7.25m
Geologists: D. Hlatky; K. Lesnikov	Dip: 45° / Dip: 44° / Dip: 44° / Dip: 44° / Dip: 47°		Purpose of Hole:
Section: 8840N Map Reference:	Survey Method: Sperry Sun		

			Visual					Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT		VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0.00	1.52																											
1.52	4.57																											
4.57	7.62			7.25								OBD												- Overburden composed of angular ZS pebbles up to [illegible] Approximate [illegible]	200160	0.031	0.01
							FPy					ZS	Se4	0	0	mdgy	4	0	3	-	0	4		[illegible]	[illegible]		

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-65

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
7.62	10.67				Py, Py, PyPo, Py					ZS	Se4	0	0	md gy, lt bu hue	4-	0	3	0	0	3 302 104	Po <0.5 302	- Soft Se4 alt'd massive vfg ZS. - Speckled with diss vfg-fgr diss Py + Po vns 0.5-3 mm wide.	200161	.016	<0.01
10.67	13.72				Py, Cb, CbPy, CbQzPy, CbQz(Py)					ZS	Se4, Cb2 loc	0, <5 loc	0	md gy	4	0	2-3	Tr 446	0	2.5 302 104 446		- As above · Minor dk gy/black sec Bi patches	162	.005	<0.01
13.72	16.76				CbBi, ?Py, Cb, CbPyCp, Cb					ZS	Se4 Cb3 loc	0	Ca 0, Cb3 loc	md gy, bridge loc	4 5 loc	0	2-3	0	0	1.5 446 102		- As above, minor diss Py - 13.50 - 15.00 bridge Cb3 alt, related to Cb+Py veining	163	.008	<0.01
16.76	19.81				Py, CbPy					ZS	Se4	0	0	md gy	4	0	2-3	0	0	2 302 104 462		- As above	165	.009	<0.01

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-65

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86				Py±Cb CbPy CbPy					ZS	Se4	0	0	md gy	3-4	0	5	0	0	3 104 302 462		- ZS as above - diss Py + Py [illegible] + Py in Cb vns.	200166	.014	<0.01
22.86	25.91				CbPySe/SHR PyCp [illegible]	23.35	23.40	Cb Py (Se) vw SHR	25	ZS	Se4, [illegible] loc	0, Tr loc ([illegible])	0, [illegible]	[illegible]	3	0	2-3	Tr 302	0	2 302 464		- Beidge wk-mod [illegible] alt'd Se-i ZS. - diss Py + Py vns/vnlts	167	.025	<0.01
25.91	28.96			BLK	Cb CbPy [illegible] Cb					ZS	Se4 <2 loc ([illegible])	0, Tr loc (minor)	0	md gy, [illegible] loc	4	0, 2 loc	2	0	0	1.5 302 462 104		- [illegible] md gy [illegible] (we) Se-i [illegible] - [illegible] magnetic [illegible] (<30cm [illegible]) [illegible] Bi. No mineralization	168	.019	<0.01
28.96	32.00				Py Py					ZS	Se4 Cb3	0	Cb 3	beidge [illegible]	3	0	2	0	0	2 104 302		- Bei[illegible] alt'd [illegible] - [illegible] diss Py [illegible] vnlts.	169	.041	0.02

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-65

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
32.00	35.05		Cb3; K2		QzCbPy; QzSe±Py; QzCaPy; PySeQz; Py; Py; QzCb	32.00 34.60	32.01 34.62	SLK CSH	10° 30°	ZS	Se3 (±Si2) Cb3 -loc- K2 -loc-	0/25 -loc-	Cb 2 Ca 1 -loc-	gngy	4+/5+	0/1 -loc-	1	0.2 444 102	0	0.8 444 302 300 104 102	0	Fine to Coarse-grained Siltstone (trans @ 32.40 to c.g ZS) Overall sericite alt'n, locally silicified, local carbonate alt'n & local vein-ct K2 Alt'n. - Overall uniform gn-gy - K2 < 5%	200171	.036	<0.01
35.05	38.10				PyQzCb; PyCpQz; Py; QzCb; QzCb; PyQz; Py; PyQz; PyQz; QzCb; Py					ZS	"	"	"	"	5	"	"	0.3 302 300 104 102 420	0	1.5 302 300 104 102 420	0	As above	172	.023	<0.01
38.10	41.15		40.66 Grod		QzCb; QzCbPy; QzCb; QzCb±Py; QzCbPyCp As; QzCb±PyCp; QzCb; Py; QzCb; QzCbPy; Qz[illegible]; PyCp	38.70 38.80 40.00	39.04 38.87 42.00	SHRZN SHZVN BLK	40° 40° IR	ZS	"	"	"	"	5	"	"	0.7 302 300 420 400 442 440 102	0	3.0 302 300 420 400 442 440 104 102	0	As above As below	173	.035	0.05
41.15	44.20		43.72 Cb3		QzSe Py; QzCb; QzCb; PyQzSe; QzCbPy; QzCb					ZS	K2 QzSe3 Cb3 -loc-	20°	Cb 1	gy/gngy	5-/7	1	1	0.2 102	0	1.5 104 102 300 302 440 420	0	- Transition to dom. K2 Alt'n with zones of QzSe3 Alt'n (with potassic [illegible]) - spotty Py spheres (2-3mm dia) with Se alt'n haloes.	174	.005	<0.01

4@ ↓

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-65

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
44.20	47.24		3cb3		QzSe; QzSe; PyQz; QzSe; QzCb; QzSe					ZS	K3 QzSe3 cb3 -loc-	25+	cb 1	gy	4	1	1	0.2 102	0	0.5 102 104 300 302 420	0	As above	200175		
47.24	50.29		47.80		Cb								as per above										177	.004	<0.01
					N/A	47.80	54.00	FLT		FLT ZS	Se4 Cil	0	0	lt gy-bu (drab)	3	0	NA	0	0	<0.5 462		-Tectonized, blocky Se4 alt'd ZS. Pebble size, <5cm, av= 1cm -One 10cm long clayish int. -47.80-49.07, approx 50cm recovered -49.07-50.29 approx 20cm recovered			
50.29	53.34				N/A					FLT ZS	Se4 Ar3 loc	0	0	lt gy-bu (drab)	2-3	0	N/A	0	0	<0.5 462		-50.29-54.00 approx 50cm recovered -50.29-54.00 pebble size fault material. -Se4, loc Ar3 -ZS in upper 2 thirds, ArSe4 BFP below	178	.069	0.06
53.34	56.34		54.00							FLT													179	.197	0.05
					Py; SHRSe; Py SHRSe	55.10	55.35	SHR Se	50	BFP	ArSe4 - Cb3	0	Ca 2-3	buff (beidge)	[illegible]	0	2+	0.6 104	0	2 104 462		-4gr BFP: calc, int Kl alt'd Pl phenos, lt bu Se (Cb?) [illegible] Bi -diss Py [illegible] -Several [illegible] spaced Se(Gp) SHR planes			

Pacific Booker Minerals Inc.
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Hole: MO-02-65

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
56.39	59.44		+ +		Se CBR; Se CBR; Cb					BFP	ArSe4 + Cb3	0	Ca 2-3	buff (beidge)	2-3	0	2-3	0.9 194	0	1.5 104 462		- As above. - diss Cp ≈ diss Py	200180	.399	.07
59.44	62.48		60.10; 60.60; 61.20; 61.70; 62.20		sil flat	60.60; 61.70	61.20; 62.20	FVH; FVH	~30; 60	FVN/BFP	Si5	0	Carb 2	md gy, dk gy	7	0	5	0.5 428	0	5 428		(as per above) - 59.44 - 60.10 as above. - 60.10 - 60.60 silica flooded ArSe BFP crackle breccia - 60.60 - 61.20 Black sil bx. Gy Q2 vn & MSPY frgs - 61.20 - 61.70 Si2 buff ArSe alt'd BFP - 61.70 - 62.2 Gy sil bx. Wh Q2, MSPY [illegible] 5 cm across and wallrock BFP fragments	182	.279	.12
62.48	65.53		+ +		Py; Cb; Q2Py; Q2CpMoPy; Q2CpPy; Q2CaPy; Q2CaPy					BFP	Ar4 + Ca4, ArSe4 loc.	0	Ca 4, 3 loc	buff-gy	1-2, 3 loc	0	2-3	1 104	0	0.5? 462		- 62.20 - 66.02 buff gy, very soft Ar4 alternating with med hard buff ArSe4 alt'd BFP (~30% of the interval).	183	.316	.10
65.53	68.58		66.02; CTC ~70		Q2CpPy?; Q2Py; Q2Py					ZS	Se4+ Cb3, K3 rel loc	0, <5 loc	Ca 2-4	beidge, gy, dk loc	2, 4 loc	0	0	<0.5 104	0	1 [illegible]		(as per above) - Massive vfg ZS - [illegible] soft gy-beidge or gy-gn, [illegible] Se4 + Cb3 - [illegible] beidge very soft Se4 (Ar4?) + Cb4 [illegible] - [illegible] K3 alt (<20%)	184	.251	.07

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-65

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
68.58	71.63				PySpCb; Qz(Cb)Py; CbAsSpPy; CbPy vnlts	69.90	69.93	CbAs PySp	30	ZS	Se4, Cb2 loc	0	Ca 0, Cb2 loc	yl-gn-gy	3	0	4	<0.5 462	0	1.5 462	As Tr 464	- Yl-gn-gy, rel soft. Se4 alt'd massive vfg ZS loc bedge Cb alt.	200185	.300	.18
71.63	74.68				CbPy±Mo; CbPy; CbPy±Mo vnlts					ZS	Se4 Cb2 loc	0	Ca 0, Cb2 loc	yl-gn-gy	3	0	4	0.5 462	0	1.5 462	Mo <0.5 462	- As above	187	.251	.27
74.68	77.72				Qz(Cb)Py; CbPy; CbPy vnlts; Qz CbPy					ZS	Se4 Cb4 loc	0	Ca 0, Cb	yl-gn-gy	3, 2 loc	0	4	0.6 462	0	1.5 462	Mo 0.5 462 442	- As above	188	.160	.04
77.72	80.77		78.70 alt chng		CbPy; QzCbMo; Cb; Qz(Cb)PyF vnlts					as per above												- As above	189	.247	.06
										ZS	KSi5	?	0	gy, bu-gy loc	6	0	4	0.9 422 104	0	1.5 422 104	Mo	- Gy mottled with bu; hard nonmagn KSi3 alt'd mgr-fgr ZS, grainsize <0.1mm.			

5G

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
80.77	83.82				Qzcb; Qzcb; Qz ±Se ±cb ±PyCp; PyCpQz; QzPyCp					ZS	K2 QzSe4	15/0	0	grgy = dk. gy	7	0/1 -loc-	1	0.3 104 300 420	0	0.3 104 300 420	Mo 0.1 104	Coarse-grained siltstone - Potassic Alt'n (background) with QzSe4 overprint.	200190	.317	.08
83.82	86.87		86.38 Grad		QzCa; QzCa; QzPyCp; PyCpQz; QzPyCp					ZS	K2 QzSe4 (Ch2 -loc-)	20/0	0	grgy ū dkgy	7	0/1	1	0.3 104 420 300 422	0	0.3 104 420 300 422	Mo 0.2 104	As above - loc. chlorite on some fract. surfaces.	191	.314	.08
					PyQzSe													"		"	0	As below			
86.87	89.92		89.32		QzPy ±Cp; Qzcb; QzcbPySp; QzSe±cb	87.38 88.31	88.58 88.36	BLK Vn	IR ?	ZS	Se4 \ QzSe4	0	0	grgy	6-	0	1	0.4 446 104 420 300	0	2.5 446 104 420 300	Sp 0.5 446	- Coarse-grained siltstone - Sericite to Qtz-Sericite alt'n (±Si).	193	.228	.50
			CTC 60°		QzcbPy; QzPy4					SS/ZS								0.3 484 104	0	0.5 424 104	0	At below			
89.92	92.96		Bx?		PyCpQz; Qz; QzPyCp; Qzcb; Qz					CS	Se4 K2 -loc-	0/10 -loc-	0	gygn - gy	7	0	1	0.3 104 102 300 420	0	0.3 104 102 300 420	0	M.g to c.g (below 92.50) Sandstone - Quartz-Sericite alt'n - overall gy to (?) gn sericite - v. local potassic alt'n (<<5%) - loc. v. short ZS int. Not zones	194	.299	.09

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Descriptive Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays Sample No.	Cu %	Au g/t
92.96	96.01		Ks 95.64 60°		Qz QzSe QzPyMo QzSe Vnlts	94.0 94.26 95.18	94.03 – 96.10	VN BED(?) BED? ZS/Se	60° 25° 10°	SS/(ZS) ZS (/SS)	Se4 (K2 -10cc) K2 QzSe4	0/10 10+/0	0 0	gngy grgy w dk gy	7 7-	0 1/0	1 1	0.3 104 426 420 102 300 0.2 102 104 420	0 0	0.5 104 426 420 102 300 0.3 102 104 420	Mo 0.2 426 0	As above - way up ↑(?) based on ZS above in f. sdstn (94.03 - 94.22) = pd. bedding @ 25° - Dom. f.g. - m.g. Siltstone with lower zone of SS @ high ∠ to CA Pt. BED - Orig. K2 Alt'n overprinted by QzSe4 alt'n.	200195	.449	.15
96.01	99.06				QzSe Vnlts ±Py	97.22	–	SLK	15°	ZS	K3 QzSe4	20/0	0	grgy	6+	1/0	2+	0.2 102 420 300	0	0.3 102 420 300	0	- As above	196	.201	.06
99.06	102.11		ch3 Ses ch3		QzPy Qzcb Qzcb QzSe QzPyCp					ZS	K3 QzSe4 Ses Ch3 (ArS)	20/0	0	grgy / lt grgy	6+/3	1/0	2+	0.2 102 420 300	0	0.3 102 420 300	0	As above - 100.52 - 101.15m - zone of Se5 Alt'n, bordered by Ch-3 Alt'n. - EoI (101.92 - 102.20) Zone of ArS Alt'd ZS	197	.325	.09
102.11	105.16		102.20 CTC 20°		Qzcb QzcbPyCp Qzcb QzcbPyCp					SS	Se2	0	0	lt gy	6+	0	1	0.3 104 102 420	0	0.3 104 102 420	0	- Coarse-grained SS - Sericite alt'd BFP: 102.39 - 102.76m - QzSe4 Alt'n ZS: 102.76 - 105.13m - Se3	199	.399	.11

Hole: MO-02-65

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
105.16	108.20				Qzcb; QzSe Vnlts; QzMo; Qzcb; Qzcb; QzPySHR	107.26 107.98	107.47 108.13	SHR FLT VN SHRVN	40° 43°	SS	Se2 (±Si)	0	0	lt gy	6	0	1	0.8 428 102 104 420 440	0	3.0 428 102 104 420 440	Sp 0.6 428 Mo 0.2 420	C.G. SS as above - decreasing grain-size below 108.13m, pos graded bedding (overturned) - to m.g. SS.	200200	.302	.13
108.20	111.25		110.82 ctc 40°		Qzcb Py; Qzcb; Qzcb; Qzcb; QzcbPy; Qz; QzSe Vnlts; QzSe; QzSe					SS	Se2+ (±Si)	0	0	lt. gy/gy	6	0	1	0.3 104 102 420 440	0	0.5 300 442 104 102	0	- More sericitic than previous = greier color - m.g.-f.g. SS As below	201	.401	.11
111.25	114.30		QzSe; QzSe; 114.10 Grad	QzSe	QzSe ccb Vnlts; [illegible]; Qzcb; Qz; [illegible]					ZS	KSi3 Se2	20°	0	[illegible]	7	1	1	0.3 [illegible] 102 420	0	[illegible]	[illegible] 0.2 [illegible]	Coarse-grained siltstone - KSi3 [illegible] - [illegible] 112.28-112.32m [illegible] 112.95-[illegible] 3.05m KSi3 [illegible]	202	.392	.11
114.30	117.35		117.0 [illegible]		[illegible]	116.09	[illegible]	[illegible]	50°	ZS	[illegible] Si2	0	Ch 2	[illegible]	5			[illegible]		[illegible]	[illegible]	- [illegible]	203	.203	.04

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Hole: MO-02-65

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
117.35	120.40		ArSe Se3 118.31 GRAD 119.08 CTC 40°		Qzcb [illegible] Qz Qzpy cp QzcpPy QzPycp QzcpPy [illegible]	—	—		—	ZS ZS BFP	[illegible] K2 [illegible] KSi3	[illegible] 15	[illegible] 0	[illegible] dkgy	6[illegible] 7	1 1	[illegible] 1	[illegible] 104 102 0.9 106 104 102 420	0 0	0.[illegible] 104 102 0.7 106 104 102 420	0 Mo 0.3 422	[illegible] - Transition to K2 [illegible] M.G. BFP - [illegible] - F.g. Biot > 45%; c.g. bio ~1-2mm	200205	.360	.10
120.40	123.44		120.74 Grad [illegible] Grad	SG	QzPycp QzcpPy Qzcb QzCb Qzcb					SS	K[illegible] [illegible] ArSe3	[illegible]	[illegible]	[illegible]	[illegible]		2	[illegible] 0.4 102 104 420 0.2 102	0	0.5 424 102 420 104 0.3 102	Mo 0.2 424	As above F.G. Sandstone - Potassic - Silicic Alt'n with loc. Qzse. M.G. - C.G. sandstone inter-mxd w loc. bands of ZS (Se Alt'n)	206	.369	.10
123.44	126.49		[illegible] Grad		QzSe QzSePy QzPyMocp QzPycp QzSeCb Vnlts					SS/ZS [illegible]	Cb3 (clay-carb) ArSe3 Cb3 Ch3	0 0	Cb 3 Cb 3	Ylgy lt. ylgy	5 3	0 0	2 4	104 420 440 0.2 102 420 440	0 0	104 420 440 0.2 102 420 440	0 Mo 0.1 420	- pot. BED @ 40° - CTC's have intrusive appearance, otherwise looks like SS - F.g. siltstone - Overall clay-carb (ArSe - Cb) Alt'n	207	.320	.08
126.49	129.54		Ch3 127.53 Grad	SG	QzCb Qz QzPyMocp QzMocp Gy	—	—	—	—	ZS ZS	" ArSe4 K2	9/15	0	gngy / blk	6	0/1 v.loc		0.5 104 102 420 440	0	0.4 104 102 420 440	0.2 422	- As above - F.G. siltstone; harder (incr Si) with relict K Alt'n cores - K-Alt'n ~ 5%	208	.251	.06

SG

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Hole: MO-02-65

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
129.54	132.59		QzSe 130.20		PyQz, QzPyCp, QzPyCp					Zs								0.4 422 102	0	0.3 422 102 420	Mo 0.2 420	As above	200209	.201	.06
			ArSE Wod; Se; 132.39 ARSE	38°	QzSePy, QzCbMo?, QzcbPyCp, QzPy, Qzcb, Qzcb, Qzcb, QzcbPy	130.81	130.86	SHRVN	40°	Zs	Se3 (±Si) Cb1 K2	0/10	cb 1	ylgngy	4+	0	3	0.2 420 102	0	0.3 420 102	0	F.C. Siltstone - Loss of Silica to Sericite Alt'n and Carbonate alt'n			
132.59	135.64		Ch; ARSE; 133.78		Qzcb, QzcbPy, Qzcb					Zs	ArSe3 cb2 ch3	0	cb 2	lt.ylgn	3-	0	2	<0.2 420 102	0	<0.2 420 102 442	0	- F.C. Siltstone - Argillic Alt'n with a zone of chloritic alt'n.	211	.278	.09
			Wod; Se Cb		QzSe Veins; QzcbPyCp, Qzcb, QzcbPy	134.39	134.47	SHRVN	30°	Zs	Se3 cb2 3 / ArSe3	0	cb 2	yl gn / lt.ylgn	4	0	2	0.4 444 420 440 102	0	1.6 444 420 440 102	0	- F.C. siltstone - Sericite alt'n with carbonate alt'n.			
135.64	138.68		137.20		QzcbPy, Qzcb					Zs	"			"				0.2 440 104 102	0	0.2 440 104 102	0		212	.443	.10
			KTCIR Qzcb		Qzcb, QzCpPy, QzPyMoCp, Qzcb, QzcbPyCp, QzcbPy, QzcbPy					BFP	K3 QzSe3	25+	0	dk gy/blk	6	1	1	0.8 104 102 200 440	0	0.6 104 102 200 440	0	M.C. BFP - 60% Plag phenos - loc. diss Gypsum - QzSe Alt'd @ upper ctc			
138.68	141.73				Qzcb, QzcbBi, Qz, QzcbPy, Qzcb, Qz, QzMoPyCp, QzMoPyCp					BFP	"	"	0 / 1 loc	"	6	1	1	"	0	"	Mo 0.3 424 426	As above	213	.651	.18

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Hole: MO-02-65

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
141.73	144.78		143.82 ctc 20°		QzSe Vnlts; Qz; Qzcb; QzSe					BFP	K3 (QzSe4 -loc-)	25+	0	dkgy	6+	1	1	0.7 104 102 200 420	0	0.5 104 102 200 420	0	As above ZS: 142.56 - 143.21 - K3	200214	.368	.12
					Qzcbl					ZS								0.3 102 104	0	0.2 102 104	0	BFP: 144.41 - 144.52 - K3			
144.78	147.83				QzSe Vnlts; Qzcb; Qzcb; QzMoPy; Qzcb	145.90	–	SLK	20°	ZS	K3 Se2	20+/0	0	dkgybn / grgy	6	1	1	0.3 102 104 424	0	0.2 102 104 424	Mo 0.2 424	M.G. - C.C. siltstone - Potassic (K) Alt'n - Decreasing K-Alteration down interval	215	.172	.04
			146.79 GRAD ARSE	gge						ZS				ltgrgy	2/	0	1					Fine to med. grained siltstone			
147.83	150.88		ARSE KL		Qzcb; Qzcb; Qz; Qz; Qzcb; Qzcb; QzSe Vnlts					ZS	S3 ARSE3 KL3 (Chl -loc)	0	0	grgy / ltgrgy	4	0	3	0.2 102 420 440	0	0.2 102 420 440	0	- Dominantly Sericite alt'n, with zones of ARSE3 with Kaol. plag phenos (BFP) BFP 148.27 - 148.97m ARSE + KL Alt'n	217	.156	.05
150.88	153.92				Qzcb; QzMo; Qzcb; Qzcb; QzcbPy; Qz; QzcbCl	151.26 153.59	151.42 153.65	SHR SHR	20° 20°	ZS	S3 (±Si)	0	1	grgy	4	0	3	"	0	"	0	As above	218	.242	.05

Hole: MO-02-65

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Interval			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97				CbPy(cp); Q CbPy; PyCb; PyCb(cp); Cb flood					ZS	Sc4, Cb4 loc	0	0, loc 4	lt yl-gn (olivegn)	3, loc 1	0	4	0.5 460	0	1.5 460 462 464		- [illegible] gn, soft Sc4 alt'd massive vfg ZS - Most of the lower half of the interval (approx 40%) is Cb flooded (with Cb haloes around several steep CbQz vns (5°TCA)	200219	.242	.06
156.97	160.02				CbPy; Qtz vnlts					ZS	Sc4 + Cb3	0	Ca 0 Cb3	lt gn-gy (lt drab)	3	0	4	<0.5 460	0	1.5 460 462		- Lt drab, soft Sc4 + Cb3 alt'd vfg ZS.	220	.238	.05
160.02	163.07				PySlick; Cb; perv Cb; CbPy					ZS	Sc4 + Cb3	0	Ca 0	lt gn-gy	3	0	4	0.6 462	0	2 462 104		- As above. - Cp in Cb vns/vnlts + diss Cp in Cb flooded [illegible].	222	.486	.12
163.07	166.12		165.65		Cb; Qz; Qz; CbPy vnlts; Cb halo					ZS	Sc4 + Si3	0	6	lt gn-gy-bn (lt drab)	4	0	4	[illegible] 460 462	0	2 462		- Darker, harder Sc4+Si3 vfg ZS. Cb halos around CbPy vns/vnlts [illegible] loc (10% of the interval) - Qz±Cb vns network [illegible]	223 Scale [illegible]	.495	.14
					Qz; QzMo					BFP			[illegible]	[illegible]	[illegible]										

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Hole: MO-02-65

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
166.12	169.16		ArSe3		Qz Cp Po Cb Qz Cb Qz p	165.[illegible]	165.[illegible]	Cp Po	45	BFP	K4, ArSe3 loc	30 0 loc	0 1 loc	md bu, gy-buff loc	6+, 4 loc	0	2-3	1.3 106 104 306	0	0.5 104	Po <0.5 306	- Mgr-cgr K4 alt'd BFP, w PC phenos ~5mm across Bx [illegible] Bi phenos 5-10% Bx interstitial groundmass Bi ~20%. - 167.70 - 168.70 gy haloe around steep Qz vein at 168.25; white KC3 + Cb alt'd PC phenos	200224	.858	.46
169.16	172.21		171.15		Cb Qz(Cp) Qz					BFP	K4 ArSe5	30 ?	0 Ca3	md bu buff-gy	6-7 2	0 ?	3 0	1.5 106 –	0 0	0.5 106 4	 As <0.5	- K4 alt'd BFP, as above. - 171.15 - 173.20 buff-gy, very soft mod calcareous ArSe5 + Cb3	225	.677	.20
172.21	175.26		173.20		Cb Qz Py As Sil Qz vnlts Cb	172.50	172.90	Cb(Qz) Py As	30	BFP	+ Cb3 K4	 30	Cb3 0	 md bu	 6+	 0	 3	[illegible] 1.2 104	 0	443 106 0.5 104	443 Po 0.5 106	alt'd mgr-cgr BFP; → clay-carb haloe around late Cb Qz Py As vein - Mgr-cgr K4 alt'd BFP	227	.201	.25
175.26	178.31		175.70 CTC 70		Sil Qz Cb Qz(Cb) [illegible] [illegible] vnlts					ZS	Cc3 Si2	0	0	drab	5	0	4	0.9 440	0	1 440 462	Mo Tr 462	- Mod hard drab Qz Se-alt'd vfg ZS	228	.230	.05

SG

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
178.31	181.36				CbPy; Q2CbCp; CbPy; Q2Cb					ZS	Sc3	0	0	drab	4	0	4	0.7 462	0	0.7 462	Mo Tr 462	- As above.	200229	.237	.07
181.36	184.40				CbPyCp; S2Mo; CbPy-f					ZS	Sc3, ?3 loc	0	0	drab	4-5	0	4	0.9 462	0	0.7 462		- Increasingly silic down hole, rare pp-gy relicts in last 50cm. - Tarnished Cp & Py in Cb vnlets	230	.165	.05
184.40	187.45				CbCpPy network; Cb; Q2					ZS	Sc3	0	0	drab-gy	3-4	0	4-5	1.1 462	0	0.8 462		- Yarn texture formed by CbPyCp vns network	231	.227	.05
187.45	190.50		188.40 CTC		CbCpPy network; Q2; Cb; Cb; MoCb; Cb					ZS			as per above									- Sc3 alt'd vfg ZS - Cb vns "yarn text"	233	.277	.06
										BFP	K3, ScAr3 loc	20, 0 loc	0, ? loc	md br, gy-buff loc	6, 3 loc	0	3	1.2 104	0	0.5 104	Mo Tr 462	- Brown K-alt'd cgr BFP alternating with gy-buff ScAr intervals up to 50cm long. ArSc-alt <50%.			

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Hole: MO-02-65

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
			190.85							BFP															
190.50	193.55		193.55		perv Cb; Cb; QzMo; Cb					ZS	Se3, Cb4 loc	0		drab	3-4	0	5	<0.5 462	0	2 462	Mo <0.5 424	- Drab, mod hard Se3 alt'd vfg ZS. mod to str Cb flooding.	200234	.236	.09
193.55	196.60		CTC IRREG; K-alt		Qz; Qz; Cb(Py) SHR; Cb; Qz; Cb					BFP	ArSe4 + Cb3, K3 loc	0	Ca 2 CC3	buff, bu loc	2, 6 loc	0	3	1.3 106 104	0	1.5 106 104		- 193.55 - 194.70 bu, hard nonmagnetic, noncalc K3 alt'd BFP. diss Cp ≫ diss Py - 194.70 - 199.80 buff-gy or buff, soft, wk calcareous ArSe4 (clay-carbonate) alt'd mgr-cgr BFP.	235	.450	.13
196.60	199.64				Cb(Qz); Cb; CbPy	199.53	199.58	CbPy	50	BFP	ArSe4 + Cb3	0	Ca 2, cb3	buff	2-3	0	3	1.3 106 104	0	1.5 106 104		- diss Py ≈ diss Cp - System of subparallel Cb vns <5mm wide at 196.90 - 197.40 - 30cm wide bl Ch-alt at 198.50 - 198.80.	236	.292	.10
199.64	202.69		199.80 alt chnge; K; 201.60 ArSe; 202.60		QzCp; Cb; Qz+sil; Se SHR; CbCpPy	202.40	202.60	SHR	30	BFP	K3, ArSe4 loc	25	0		6+, 2-3 loc	1	3, 2	1.2 106	0	0.5 104	Po Tr 422	- 199.80 - 201.60 lt bu, hard K4 alt'd mgr-cgr BFP. 5-10% Bi pheno's - 201.60 - 202.60 buff, soft, ArSe4 alt'd BFP. White KL alt'd PC phenos - Str sheared [illegible] CTC	237	.291	.10

SHR-CTC 30

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
202.69	205.74				Cb Bx; CbQz; Cb; PySe	202.60	203.00	Cb vn Bx	40	ZS	Se4, loc Si3	0	0	tral	4-7	0	3-4	0.5 104 200	0	2 300 104	Sp <0.5 464 / Mo <05 422	- Coarse ZS or fg SS, grainsize approx 0.1mm - Se4 alt'd, increasing Sil downhole - 205.20-206.50 Hard to very hard mod-str Sil coarse ZS	200239	.097	.05
205.74	208.79				PySe; Cb Py; Qz Mo; Cb Py vnlts					ZS	Se3	3	0	yl-gn-gy (olive gn)	4	0	4	0.7 104 200	0	1.5 300 104		-206.50-208.90 vfg 'aplanitic' massive ZS.	240	.172	.05
208.79	211.84		210.40 CTC 40		QzCb; CaPy; Cb; Py					ZS	Se3 loc Si3	0	0	gy-tral	4-5	0	4	1 300 104	0	2 300 104		- Mod silic coarse ZS from 208.90 to 210.40	241	.169	.12
					Cb; Qz vnlts; QzCb					BFP	K4	30	0	dk bn	6+	0-2	3	1 104	0	2 104	Po <0.5 104	- Cgr BFP: subhedral prismatic Pl phenos up to 10mm, 30% vol - Black Bi phenos up to 3mm			
211.84	214.88				Cb; Qz±Cp					BFP	K4	30	0	dk bn	6	0-2	3	1 104	0	2 104	Po <0.5 104	across ~10%, interstitial brown groundmass Bi ~20%. - diss Py > diss Cp > diss Po	242	.151	.06

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
214.88	217.93		+ + + +		Qz, Qz Cb; Qz, Qz Cb; Cb					BFP	K4	30	0	dk bn	7-	1	3-4	1.5 104 106	0	1 104	Po loc 104	- Same as above. - diss Cp > diss Py > diss Po	200243	.335	.14
217.93	220.98		+ + + + ArSe		Cb; Cb Py; Cb; Qz Mo					BFP	K4 ArSe3 loc	30, 0 loc	0 1 loc	dk bn buff-gy loc	6+, 3 loc	0	3	1.5 104	0	1 104	Mo Tr 422	-K4 alt'd as per above -218.70-219.65 buff-gy SeArSalt and buff ArSe 3 alt. Wk to str KE alt'd Pl phenos. Env assoc into Cb Py vn at 219.40	245	.299	.13
220.98	224.03		+ + 221.83 CTC ~ 20°		Sil; Qz; Qz; Cb Py					 ZS	K4 Q2Se4 K4 loc	30 0, 5 loc	0 0	dk bn drab, bn loc	6 7	0 0	3 3-4	1.5 <0.5 442	0 0	1 <1 462 442		-221.83-222.60 Brown K3 alt'd vfg ZS. -222.60-226.98 Hard to very hard, drab Q2Se3 to Q2Se4 alt'd vfg ZS.	246	.189	.07
224.03	227.08		224.80 225.27 226.98 BFP CTC ~40		Q2Cb Py vnlts; Q2Mo	226.46	226.50	Q2Mo	20	ZS BFP	Q2Se4	0 Tr loc	0	drab	7-	0	4	<0.5 442	0	1.5 442	Po Tr 442 Mo <0.5 424	minor black K-alt relicts, <5% vol -224.80-225.80 bn, K5 alt'd mgr BFP dyke.	247	.141	.08

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Hole: MO-02-65

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
227.08	230.12		227.64 Ch3 ArSe/Cb Ch3 228.26		Cb QzPyAsCp; Qz; Qzcb Qzcb; Qzcb	227.79	227.96	SHRVN	40°	BFP	KSi3 (ArSe3 Cb3 Ch3) -loc-	35	0	dkgy	7-	1	1	1.5 4/6 104 102	0	2.0 4/6 104 106	Mo 0.2 102 As 0.4 4/6	M.G. BFP -Good KSi3 Alt'n, with ArSe/Cb Alt'd zone adj. to vein -30% f.g. biot; 5% c.g (2-3mm) biot.	200248	.258	.19
230.12	233.17		230.52 Grad; 232.34 Grad	58°; 58°	Qzcb; QzSePy; QzcbPy4As; QzcbPy4; Qzcb	231.59	231.66	SHRVN	33°	BFP	ArSe4 KL4 Cb3 Ch3	0	cb 3	lt.yl gy	2	0	2	0.6 10 4/6; 1.2 446 442 106 104; 0.6 104/6	0	0.5 104/6; 2.0 446 442 106 104; 0.5 104/6	0; As 0.3 446 442; 0	As above; M.G. BFP -Highly alt'd due to SHRVNS to soft ArSe + Cb Alt'n. (clay-carb) -White (kaol.) plag. phenos; As below	249	.219	.12
233.17	236.22				Qzcb; Qzcb					BFP	KSi3	35	0	dkgy	7-	1	1	0.8 10 4/6 102 200	0	0.7 10 4/6 102 200	0	M.G. BFP - Potassic - Silicic (KSi3) Alt'n.	251	.176	.07
236.22	239.27		237.00							BFP	KSi3			"				"		"		As above			
			CTC ~80°		Py; QzPyCp; PyCpQz; Qzcb PyCp Rocc					Zs	QzSe4 KSi2 -loc-	0/10	0	med. gngy	7	0/1	1	0.4 104 102 420 300	0	0.4 300 104 102 420	Po 0.2 420	F.G. Siltstone -Med grn-gy QzSe4 Alt'n with (~7%) relict KSi2 cores.	252	.169	.04

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
239.27	242.32		241.16 ArSe 241.85		QzPoMoPy, Py, QzCbPy, QzCbPy, QzCbPyCp, QzMo, QzCbMo, QzCb	241.09	241.16	SHRVN	30°	ZS	QzSe4 KSi2 (ArSe3 KL3 Cb3)	9/10	9/Cb 3	med gnsy / lt. gy	7/4	0/1	1	0.8 446 420 300 104 102	0	2.0 446 420 300 106 104 102	Po 0.2 420 Mo 0.3 420	As above BFP: 241.16 - 241.85m - ARSE3 + Si + KL3 + cb	200253	.158	.19
242.32	245.36				QzPyPo, PyPo, QzCbPyPo, PoCpPyQz, QzMoPy, PyQz, QzPy					ZS	Se3 cb2	0	cb 2	med. gngy	5	0	3	0.3 420 300 102	0	0.7 420 300 102 104	Po 0.4 420 300 440 Sp 0.2 442	Similar to above, with general loss of silica - Se 3 Alt'd BFP; loss of K-Alt'n below BFP, and increased healed fracts/vnlts.	254	.181	.07
245.36	248.41		247.70		QzSiMo, QzCb, QzCb, QzCb, QzCbCpPy, Py, QzCb, QzCb±Py	246.04	246.37	BLK	IR	ZS	Se3 cb2	0	cb 2	"	4	0	3	"	0	"	Po 0.3 420 300	- less Si down-hole - High Cb-Alt'n lower cts 246.97 - 246.04 - SHR Fract/Vn's - 2 orient. S1 - 50°; S2 : 20° - ZS Bx in QzCb Mtx	255	0.079	.02
			cb ch 40°, cb, KSi		QzCb, QzCbPyCp	247.97	247.99	SHRVN	40°	BFP A	Cb3 Ch4 QzSe4	0	cb 3	lt. ylgy	4	0	2	0.3 446 104	0	1.0 446 104	0	M.G. BFP - Dom. Cb Alt'n w/ zone of chloritic Alt'n (+Si)			
248.41	251.46		QzSe + cb ± KL ± ARSE		Py, QzCb PyCp, QzCbPy, QzCbPy, QzCb					BFP	QzSe3 Cb2 KL2 ARSE2	0	cb 2	gy / lt.gy	5	0	1	0.4 302 300 104 106 102	0	1.0 302 420 104 106 102 302	0	M.G. Leucocratic BFP - Dom QzSe Alt'n with Cb Alt'n. Zones of kaolinized plag. phenos, and local ArSe Alt'n.	257	0.097	.04

Hole: MO-02-65

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From (m)	To (m)	Rec %	LITHOLOGY (Visual)	FRACT (Visual)	VEINS (Visual)	From (m) (Structures)	To (m) (Structures)	Str Type	Angle TCA	Litho (Descriptive)	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No. (Assays)	Cu %	Au g/t
251.46	254.51		252.79		PyQz; QzCpPy44; Qzcb	251.78	251.85	VN	40°	BFP	QzSe 3	0 / 2e	cb 1 / 0	gy	7	0	1	0.6 446	0	2.0 446	Sp 0.2 446	As above - below 252.05m only QzSe Min, with trace diss. c.g. biot.	200258	.058	.58
			ch 30° 254.00		Qzcb					BFP$_A$	QzSe$_3$ ch$_4$ (±Si) K$_2$	10+	Ca 1	med-dk gy-gn	6-	2	1	<0.1 102	0	0.3 104	0	Aphanitic BFP - Calc. plag. phenos - Ser + ch ± Si (local K$_2$) - Diss. c.g. BFP (2%)			
			ch 30°		PyQzSe					BFP								0.3 104/2	0	0.5 104/2	0				
254.51	257.56		256.85		Py; Py; Qz; Py; Qzcb					BFP	K3 QzSe$_3$	30	0	dk gy	6	2	1	0.3 106/4 102 300	0	0.8 106/4 102 300	0	M.G. BFP - K$_3$ Alt'n with local, vein-related QzSe$_3$ - 25% f.g. biot; 5-8% c.g. biot.	259	.207	.06
			cnt 50°		QzSePy; QzSePo					ZS	K$_2$ QzSe3	20-	0	med gy	6	2	3	0.3 104/6 420	0	0.8 302 104/6 420	0	As below			
257.56	260.60				QzSe/QzSePy; QzSe Py; QzSe ±Py Vnlts; Py; PyPo; Py					ZS	K$_2$ QzSe$_4$	20-	0	med gy	6+	2	3	0.3 104/6 420 102 350	0	0.8 302 350 104/6 300 102	0	F.G. Siltstone - Rel. high % of Vnlts with Py ± Cp ± Po · QzSe - Uniform med. gy - Py > Cp	260	.114	.05
260.60	263.65		Se 4		"; Py; QzPy; Qzcb; QzMo	262.56	262.60	Fract VN	35°	ZS	K$_2$ Se$_2$	20-	cb 1	med gy	5-	2	3	"	0	"	Mo 0.2 422	As above - General loss of silica - Fract. zone with ZS frags cemented by Qzcb (zone btw 262.50 - 262.75m)	262	.149	.06

Hole: MO-02-65

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
			264.80		Qz± Py Vnlts					ZS	K2 Se2	20-	cb 1	med gy	5-	1	2	0.3 104/2 420 300	0	0.6 300 302 420 1042	0	As above			
263.65	266.70		LTC IR, Se/KL		PyCp; Qz; QzMoPy; Qz					BFP	K2 Se2 (K2) cb	20+	cb 1 -loc-	med-dk gy	7-	1	1	0.2 104/2 420	0	0.3 104/2 420	Mo 0.2 422	M.C. BFP - Not as well min'd as prev. BFP sections - Overall Potassic (K2) alt'n, with above avg. silica (not KSi2)	200263	.089	.02
266.70	269.75		Se/KL; 269.30		QzPo; QzcbPyCp; QzcbPy					BFP	K2 Se2 (K2 -loc-) Cb1	20+	cb 1 -loc	med-dk gy	7-	1	1	"	0	"	0	- 18%+ f.g. Biot, ~2% c.g. biot (1-2 mm) - local Se2 & K2 (alt'd plag. phenos) alt'n adj. to some vns. - lower ctc. interred to grad	264	.088	.06
			LTC-30°							ZS												- Some mixing (ZS fracts filled w/ BFP) for 1st 20 cm.			
269.75	272.80				Py; PyCp; PyCp; PyCp; PyCp; Py(cp)±/Qz±Cb±Py Vnlts					ZS	QzSe4 Cb2 KSi1	<5	cb 2	gy w/ white carb.	7	0/1	4+	0.2+ 300 104/2 420	0	1.8 300 104/2 420	0	- Siltstone with overall highly fractured & blotched with (<1cm) zones of Py ±Cp ±As ±Po. - overall gy QzSe (±Si) +Cb2 with zones of f.g. biot. (KSi1) - KSi1 10% - 30%	265	.146	.03
272.80	275.84				Py; Qz; PyCp; PyCp; Qz Mo PyCpBn; QzMo; QzPyCp	274.27	276.93	SHR Fabric	40°	ZS	QzSe4 Cb2 KSi1	<5	cb 2	gy = white carb	7	0/1	4+	0.4 300 302 104/2 420 422	0	2.5 300 300 104/2 420 422	Mo 0.4 300 420 422	As above - Shear fabric as a section of cb alt'd fractures, Py with and Qz Vnlts oriented @ 40 TCA End @ 276.93m.	267	.138	.06

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
275.84	278.89		QzSe Cb2 276.93 40° QzSe Cb1		Py; Py; QzPyCp; QzPyMo; PyCp; Py; PyCp; PyCp; PyCp; PyCp; Py±Py veins	276.90	276.93	SHR VN	40°	ZS ZS	QzSe4 Cb2 KSi2 QzSe4 KSi2 Cb1⁻	>5 <10	cb 2 cb 1⁻	gy ō white gy -gngy	7 7	0/1 0/1	4+ 1+	0.2 300 104/2 420 0.4 300 102 104	0 0	2.0 300 420 104/2 1.2 300 102 104	Mo 0.2 424 0	As above - Shear fabric as above - High Cb alt'n ZS: loss of shear fabric - overall uniform QzSe4 Alt'd ō faint, background, KSi2 alt'n.	200268	.082	.02	SG
278.89	281.94		281.38 Grad		QzPyCp; PyCp; PyCp; QzCbPy; PyCpQz; QzCb; QzCbPy; QzCbPy					ZS	"	<10	"	"	7	1	"	0.4 300 300 102	0	1.5 300 302 104/2	0	As above - Below 281.38m, less KSi2 Alt'n, f.g. ZS (poss grad bed + ww); overall gngy color Inc. Cb Alt'n	269	.126	.04
281.94	284.99		284.34 CTC JR ~90°		PyPoQz; QzCbPyCp; PyAsCpQz; QzCb; QzCbPy; QzCbPy; QzPy; PyQz Py QzMo; QzCbPyCp; QzPyCp					ZS BFP	"	5	cb 1-2	gngy	7	1	"	" 0.5 302 300 104	0 0	2.5 304 302 300 104/2 2.6 106 302	Po 0.4 300 302 As 1.5 304 Po 0.5 106	As above As below	270	.173	.13
284.99	288.04		gk3; gk3; gk3; gk3; gk3; g Se/cb/kl		PyCpQz; PyCp; Py; PyCpQz; PyCpQz; Qz						QzSe4 (±Si) K2 -loc- Cb1 -loc- KL1 -loc-	0/15	0/cb 1 -loc-	gy/brn	7	1+	1	0.6 106 104 102 300 420 302	0	3.0 106 302 300 104 102 420 422	Po 0.6 106 302 104	MG BFP - Grey QzSe alt'n (loc. more silicified than usual) with local relict K3 Alt'n (~8%) as red-brn biotite zones - Se/cb/KL alt'n adj to loc vn's	271	.323	.11

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
288.04	291.08		+ + + + + + + + + (Si/ca/kl)		Py; Py dz; Qz cb; Qz cb py; Qz se	289.52	289.56	VN	40°	BFP	Qz se4 K3 (cb1 se2 kl1) -loc-	0/20+	0/cb 1+	gy/lt gy/bn	6/5 -loc.	1+	1	0.3- 104 102 300	0	1.0 106 104 302 300	Po 0.2 300 104	As above - less Qz (Si) and greater brn-red biotite. (2-3mm diam). - se/cb/kl alt'n adj. to Qz cb vn. (kl after mag phenos) - less cp than previous py > cp.	200273	.076	.03
EOH																									

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Hole ID: MO-02-66	Nominal Collar Coordinates: 670810E; 6119065N	Hole Type: NTW
Date Started (drilling, logging): Apr 13/Apr 14, 2002	Surveyed Collar Coordinates:	Material left down hole: casing (3.05m)
Date Completed (drilling, logging): Apr 17/Apr 17, 2002	Depth: surface / Depth: 13.72m / Depth: 100.58m / Depth: 207.26 / Depth: 326.14	Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 90° / Azimuth: 93° / Azimuth: 94° / Azimuth: 94° / Azimuth: 96°	Top of bedrock: 5.20m
Geologists: K. Lesnikov / D. Hladky	Dip: 55° / Dip: 54° / Dip: 53° / Dip: 52.5° / Dip: 51.5°	Purpose of Hole: grid infill
Section: 9060N Map Reference: 3445-2	Survey Method: Sperry-Sun	

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0.00	3.05																					-0.00-5.20 Overburden: Subrounded to [illegible] ZS, black mudstone, quartzite and rare [illegible] [illegible] av size ~1cm, max 10cm. - Clayish soil supported; [illegible] 50% [illegible].			
3.05	5.20		5.20							OBD															
5.20	6.10		+		Cb; Qz Cb Py Cp					BFP	ArSer + C62	0	Ca 2-3	buff gy	2-3	0	2	Tr 442	0	0.5 442		- Soft to very soft, wk to mod calc mgr BFP; Pl phenos up to 5mm across	200274	.239	.13
6.10	9.14		+ 6.40 rlt chng		Cb; Cb; Bi mlg; Cb					BFP	K3, Chl	10-20	[illegible]	ltgy	3-5	[illegible]	3	<0.5 200 442	0	<0.5 442		- Lt gy, med hard, mgr BFP, wk to mod calcareous. Mafic [illegible] str Ch alt'd. Loc [illegible]. - Black sec Bi along vnlts network, only loc Bi phenos and for sec Bi [illegible]	275	.224	.13

[illegible] Bi [illegible] Cp

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Hole: MO-02-66

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
9.14	12.19		9.30 alt chng		Qz, QzCb, Qz, QzCb, Qz					BFP	ArSe 5, Ar 5 loc	0	3	buff	1-2	0	3	0.5 104 442	0	1 104 442		- [illegible] ArSe alt'd mgr [illegible], [illegible] pheno, [illegible] bridge Se (carb) alt'd mafics - [illegible] cm wide CCS [illegible] at the beginning of the interval	200276	.401	.25
12.19	15.24				Cb, Qz, PyCbQz(Cp), Qz±Cp	13.55	13.70	PyCb vn	40	BFP	ArSe 5	0	3	buff	2	0	3	0.7 442 104	0	3 446 442 104		- As above.	277	.447	.76
15.24	15.27		16.55 17.00		PyCb[illegible], AsPyCp SFR, QzPyAs FVN, QzCbPy	16.55	17.00	FVN	20	BFP	ArSe 4	0	3	buff, buff-[illegible]	3, loc 2	0	4⁻	0.5 104 442	0	4 304 442	As 1 304	- As above - 16.30 - 16.55 System of subparallel As±CpPy vns 0.5-1cm wide, generally 30° TCA - 16.55 - 17.00 Black silica interlaminated with (20-30%) massive PyAs bands 1-7cm wide.	279 } w SFR ? Fault	.376	5.49 vein *
15.27	21.34		[illegible]		QzCb, QzPy, Qz[illegible], QzCb[illegible]					BFP	[illegible] 2, Cb 3	as per above [illegible]	5-10	med [illegible]	5-6	2-3	4⁻	[illegible] 442	0	2 442		- 19.10 - 21.50 hard steel-gy [illegible] [illegible] alt'd mafics [illegible]	280	.142	.09

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
21.34	24.38		22.40 alt cl 23.50 24.00	Ch GGE GGE	Py ScPy ScCb ScPyCb Py	23.50	24.00	SHR	~40	BFP	K2 Ch5 Ar5 ArSe4 + Cb3	5 0 0	3 0 Ca 3	wd bl-gy buff	4 1 1-4	3 0 0	3 3	0 0	0 0	1 442 422 3 462	As	-21.30-22.00 Ch 5, loc gy Ar 5 [illegible] -22.00-22.40 K2 alt'd BFP [illegible] -22.40-24.00 buff clay-carb alt'd mgr BFP. decreasing Ar alt downhole -2350-24.00 subparallel ScPy vns; beginning of FLT/SBR z -24.00-25.55 massive Py (70% vol)	200281	.217	.20 SG
24.38	27.43		25.55 26.10 26.45		Py Py FVN As Sc flood ScPy	24.00 25.55 26.10	25.55 26.10 26.45	Py As vn FVN As vn	30 10° loc 30	MSPY FVN FLT	N/A Si5 loc Cb4	0 0	0 Ca 1	brassy beige	4 2-3	0 0	N/A 5	1 308 0.5	0 0	60 308 4	5 308 Sp 3 308 Sp 2+	vein. Contains approx 5% As [illegible] black sil and white vein mat. [illegible] BFP 24.25-24.45 and [illegible]-24.90 (approx 5° TCA) -25.55-26.10 black silica vein [illegible] % Sp -26.10-26.45 massive As + approx 5% [illegible] -Int SHR'd carb flooded BFP. [illegible] deformation	Cb 282 bands 283 285	1.525 0.506 .223	10.05 11.41 Gp .43
27.43	30.48		28.40 29.45 30.35	GGE	Sc flood Sc Sp Cb FVN+Sc FVN	26.45 28.40 29.45	28.40 29.45 30.35	SHR FVN/SHR FLT GGE	5-40 20	BFP FVN FLT	SeAr4 Si5 Ar5	0 0	Cb4 0 0	gy cc bl-dk gy cc lt gy	7 loc 1	0 0	N/A N/A	1 428 0	0 0	10 464 462 10 428 3	464 As 3 428	planes, [illegible] Cb vns -[illegible] locally preserved. -Sp Cb vns in last [illegible] cm -28.40-28.75 Bl/dk gy silica and BFP mix -28.75-29.45 Black silica FVN -Ar 5 Fault gouge at 29.45-30.35	286 287	.341 .204	1.57 .19
30.48	33.53		32.05 32.30		ScCb Py BlCbPy Py FVN Sc	30.35 31.55 32.05	31.55 31.60 32.30	SHR FVN Fyvn/FVN	10-20 40 30-50	SHR BFP BFP	ArSe4 + Cb2 ArSe4 + [illegible]	0 [illegible]	[illegible] 2	buff-gy buff-gy	3 [illegible]	0 0	- 4	0 0	0 0	10 428 104 302 4 104 422 302		-Wk SHR'd buff ArSe-alt'd mgr BFP -Black silica [illegible] vns at 31.55-31.60 and 32.05-32.30 End of FLT/SHR [illegible] -32.30-34.35 buff clay-carb alt'd mgr BFP. White K-alt'd Pc phenos -Abundant Py diss and in Qz vns/vnlts. -Sparse vnlts possible Py	288	.182	.47

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Hole: MO-02-66

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
33.53	36.58		34.85 alt chng		Py ±1% Vo; Q2CpPy; Py; Bi±Cb; Q2Cp; Q2Cp; Cb					BFP	ArSe4 + Cb2 / K2 Ch2	as / 5-10	Ca 2-3	per / md gy	4	above / 3+	3	<0.5 426 / <0.5 422	0	0		- / - Mod hard, mod calc mgr BFP. Fresh Pl phenos <5mm Bi phenos <3mm, ~5%. Approx 5% bl sec Bi as	200289	.561	.40
36.58	39.62				CbQ2Cp; sec Bi vnlts; Q2Cp(Bn); Q2; Q2CbCp					BFP	K2 Ch2	5-10	Ca 2-3	md gy	4-5	3+	3	<0.5 422	Tr 422	0		vnlts, and locally as perv fgr groundmass Bi - Wk Ch alt'd mafics - Cp in Q2 vns only	291	.236	.19
39.62	42.67		40.70 alt chng		Q2Cp; Q2Cp; Q2Cp; Q2Cp; Q2CpPy					BFP	ArSe4 + Cb3	as / 0	Ca 3	per / buff	2-3	above / 0	3+	0.5 422 420	0	Tr 422		- As above / - Buff, soft, calcareous clay-carb alt'd BFP White Ke alt'd Pl phenos Cream Cb:Se alt'd mafics - Cp in Q2 vns only.	292	.308	.23
42.67	45.72		43.80 alt chng		Q2CbPy; Q2Cp; Cb; CpQ2					BFP	ArSe4 + Cb3 / K2 Cb2	0 / [illegible]	Ca 3 / [illegible]	buff / md gy	2 / 5+	0 / 3	3-4 / 3	<0.5 422 / [illegible] 104 302 422	0 / Tr 104	Tr 422 / Tr 422		- As above. Lower Cp / - Md gray, mod hard to hard wk calc mgr BFP with black sec Bi vnlts and loc [illegible] fgr groundmass Bi - Ch alt within groundmass	293	.301	.32

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Hole: MO-02-66

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
45.72	48.77		+ 46.80		QzCaBi, Py, QzCaBi, QzPyCp, Qz					BFPA	K2 QzSe3 ch1	15-20	Ca 1-2	grgy	6	2+	2	0.2 442 102	0	0.4 442 300 102	0	Aphanitic BFP (calc.) - Principly K2 alt'n (biot. mainly along fract. vnlts & 1-2 mm diss phenos); with QzSe3 and faint, pervasive chl alt'n.	200294	.341	.27
			GRAD + 48.56	X	QzPy, QzPyCp, PyCpQz, QzPyCpCa, QzCb, QzPyCpCb, PyQzCa, Ca					BFP	K2 QzSe3 ch1	15	Cb 1	grgy	6-	1	1	0.4 300 302 104 420	0	1.0 302 300 422 420 104/6	0	M. G. BFP · Principly K2 alt'n w/ QzSe3 alt'n as above. Less aphanitic gm, less calc. CTC's difficult to ascertain. More vn's.			
48.77	51.82		GRAD + 51.82	X	PyCp, QzPyCb, QzPyCpEp, QzPyCp, QzCaPyCp, QzPyEpCp, QzPyCp, QzCbPyCp					BFPA	K2 QzSe3 Ch1	15+	Ca 1-2	grgy	6	2+	1+	0.5 442 440 420 300 104	0	2.8 442 440 420 300 104 106	Ep 0	Aphanitic BFP - Calcareous - overall grey, f.g. K-alt'd groundmass with QzSe and chloritic alteration - most vnlts w/ biot rims. - Diss Epidote (106)	296	.254	.28
51.82	54.86		GRAD + 53.49		QzCbPySpCp, QzCb / QzCbPyCp, QzCbSp, Qz / QzCbPyCp	52.70	52.75	SHRVN	20°	BFP	Se3 cb2 (K1 -loc-)	0/<5	cb 2	lt-gy	4	0	3+	1.0 446 442 440 422	0	2.5 446 442 440 422	Sp 1.2 446	M.G. BFP - Sericite & Cb alt'd BFP, likely due to high veinage.	297	.303	.24
			Grad + Se/Cb		QzBi, QzCbPyCp, QzCa, QzCb, QzPyCp, QzCa					BFP	K2 (K4) Se2 (Cb1)	10/0	cb 2	gy/grgy	5	0/1	1	0.2 420 422 102 104	0	0.4 420 422 102 104	0	M.G. BFP - Principally K2 alt'n; with overall Se and cb with additional cb alt'n particularly adj. to vns			
54.86	57.91		+ 54.69 30°		QzCb, QzCb, QzCbPyCp						ch2	(Up to 65 BFPA)						"	0	"	0	As above BFPA: 55.05-55.13m, 55.27-55.69m } Calc.; K3	298	0.131	.14
			+ AfSc/KL/Cb 57.75 GRAD	gge	Qz, QzCb, QzCb / QzCb, (1) QzCbSpPyCp	57.09	57.20	SHRVN	20°	BFP	Se3 K1 cb1 (Se2 KL2 Cb2)	<5	cb 1-2	gy-lt.gy	5/2	0/1	2	0.2 420 440 102	0	0.5 300 420 440 102	Sp 3.0 446	M.G. BFP - Dom. Se-alt'd with scattered diss (106) biot phenos. - Ar Sc/KL (plag. phenos)/Cb alt'n adj. to late QzCbSp vn. As below			

Hole: MO-02-66

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Morrison Project

Visual					Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
57.91	60.96		59.01 Bx GD	mmagge	Qzcb Qzcb QzPyCp	—	—	—	—	BFP	K_2 Se_2 Cb_1	20	Cb 1	gy-dkgy	6	~1	<1	0.3 420 300 102	0	0.5 420 300 102	11c 0	M.C. BFP - mild potassic (K_2) with weak sericite and cb alt'n.			
					④ QzCbSp QzPy QzCbPy Py	59.34	59.41	SHRVN	20°	BFP	$ArSe_4$ KL_2 Cb_3 (clay-carb) (Ch_3 -loc-)	0	Cb 3	H.ylgy	3- /2	0	3+	1.5 446 424	0	5.0 446 424	Sp 2.0 446	Clay-Carb ($ArSe$-Cb-KL) alt'd, m.g BFP? - KL - alt'd plag phenos - Vns ①-③ of same composition	20029	.175	.27
					③ QzCbPyCp	60.67	60.55	SHRVN	20°																
60.96	64.01		$3Ar2Se_5$ $3Ch_5$ $ArSe_4$ $3Ar2Se_5$ $3Ar2Se_5$ Ch_5	mmagge mmagge mmagge	Py Qzcb Qz Py Qzcb Qzcb Qzcb Qz Qz PyCp Qzcb Qz					BFP	" (Se_3 loc)	0	"	"	·	0	3+	0.5 422 442 300 104 102	0	1.5 300 422 420 442 104 102	0	At above - Large amount of highly alt'd (sousy) zones, though not feld. derived.	301	.242	.26
			Se_3 $3Ch_5/4Ar2Se_5$ 64.97	mmagge	Qzcb Qz Qz Qz Qz					BFP	"	"	"	"	"	4	"	"	"	"	"	0	At above			
64.01	67.06		CTC IR $ArSe_4$		Qz PyCp Qz PyCp Qzcb Qzcb Qz Qz Qzcb	65.22	65.30	VN	7°	ZS	$ArSe_4$ Cb_3 (Kl_3 loc)	0	Cb 3	H ylgy	3-	0	3+	0.6 426 420 300 102	0	0.8 426 420 300 102	0	M.C. Siltstone - Pervs. $ArSe$ +Cb alt'n (clay-carb) as above int - Loc. BFP dikes. ($ArSe$ +KL +Cb alt'd)	302	.454	.33
67.06	70.10	BFP$_A$ BFP$_A$	64.30 CTC GRAD $K3/Se3$ $3ArSe_5$ 69.42 69.83 CTC-65	mmagge mmagge	Qz PyCp Qz PyCp Qzcb PyCp	68.39	68.42	SHRVN	30°	ZS	K_3 Se_3 ($ArSe_5$) KL_5 Cb_3	25+	0/ Cb 3	dkgy	6	1+ /3 BFP$_A$	1	0.2 0.4 424 420 102 300	— 0	0.3 0.5 424 420 102 300	0	At above Potassic / sericite alt'd siltstone - BFP$_A$ - K_4 alt'd though barren BFP$_A$ zones = Barren DVK	303	.449	.37
			CTC-65							BFP	K_3	25	0	dkgy	6+	3	1	0.2 102	0	0.2 102	0	As below			

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
70.15	73.15		71.20 ARSE/KL 71.50; K3	mm 88°; mm 88°	QzcbPyCp; QzPyCp; QzPyCp; QzPyCp; Qzcb; Qzcb; Qz; Qzcb±PyCp; Qz; QzcbPy					BFP	K3 (±Si) Se2/Qzse2 (ArSe3 Cb2 KL2 Ch-3 -loc-)	25	0/Cb 2 -loc-	dkgy	6	3	1	0.3 104 422 420 102 440	0	0.4 104 422 442 102 106	Ep 0	Principally Potassic (K3-relict) Alt'n with faint & local Se/QzSe Alt'n. - Blotchy K-Alt'n - F.G. Biot = 10+% C.G. Biot ~ 15+%. Diss. Ep (106)	200304	.759	.49
73.15	76.20		K3; 74.68 CTC GD	mm 88°	Qzcb; Qzcb; QzcbPy; Qz; Qzcb; Qz					BFP	K3 QzSe2	20	"	"	"	"	"	"	0	"	0	As above	305	.659	.38
			ArSe Cb KL		Qz; Qz; Qzcb; Qz; Qzcb; Cb	75.80	76.00	SHR Fract	85°	BFP	ArSe3 Cb4 KL2	0	Cb 4	lt-yl/gy	4	0	3+	<0.2 102 420 300 440	0	<0.2 102 420 300 440	0	- Clay-Carb. Alt'd BFP - ArSe + Cb + KL alt'd plag. phenos. - Series of SHR Fractures ~ (20cm) @ ~80° to CA			
76.20	79.25		76.45 CTC GD; K3	mm 88°	Qz; Qzcb; Qz; QzcbPy; QzcbCp; Qzcb; Qz; QzcbPy; QzcbPyCp; Qz					BFP	K3 QzSe2	25	0	dkgy	6+	1	1	0.2 104 102 420 440	0	0.2+ 104 102 420 440	0	M.G. BFP ~ 65% Plag. phenos - Potassic (K3) Alt'n with QzSe Alt'n Rather C.G. - 20% c.g biot 5% f.g biot.	307	.646	.94
79.25	82.30		CTC 79.50 [illegible] 80.00	mm 88°; mm 88°	Qz					BFP	" (ArSe4 Cb3 KL2)	25	0/3	"/lt-yl/gy	6+	1	1	"	0	"	0	As above	308	.384	.24
			CTC; 81.30		Qzcb; QzPyCp; QzPyCp; Qzcb					ZS	KSi4 Cb3	80	Cb 3 -loc-	blk w yl	7	2	2	0.3 102 422 420 104	0	0.3 102 422 420 104	0	M.G. Siltstone - Potassic (KSi4) Alt'n with loc. Cb-alt'd vnlts. - BFP dikes: 80.38-80.51m: K3			
			CTC 30°; 82.30 CTC 40°		Qzcb; Qz					BFP	K3 QzSe2	25	0	dkgy	6+	1	1	0.2 102	0	0.2 102	0	M.G. BFP - Potassic (K3) Alt'n ± QzSe2 - As previous K3 alt'n BFP			

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Hole: MO-02-66

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
82.30	85.34		83.73 CTC ZS 84.27 CTC ZR	58°	Qzcb Qz Py Cp Qz Qz Qz Qzcb Qz Py Cp Qz Qzcb PyCp Qzcb Qz					ZS ZS BFP	KSi 4 Cb 1 ArSe 4 Cb 3 ArSe 4 Cb 3 KL 4	65 0 0	Cb 1 Cb 1 Cb 3	dk gy lt yl gy lt yl	7 3 3-	1 0 0	1 2 3	0.3 102 420 0.2 104 0.3 104 420 300	0 0 0	0.3 102 420 0.2 104 0.3 104 420 300	0 0 0	- M. G. S/tstn - KSi 4 Alt'd w Cb alt'd vnlts - 65% f.g. biot - Zp (106) in BFP BFP: 83.0 - 83.45m. K3 Alt'd ArSe + Cb Alt'd ZS M. G. BFP - ArSe + Cb + KL (Alt'd plag. phenos) = Clay-carb Alt'n	200309	.457	.29
85.34	88.39		85.74 86.22		Qz Qz Qzcb Qz Py Sp Cp Qz Qz Qz Py Qz Qz					BFP	"	0	"	"	"	"	"	0.4 424 104 420 300	0	0.5 424 104 420 300	0	As above ZS: 85.73 - 86.22m 86.63 - 86.92m	310	.419	.26
83.39	91.44				QzcbPyCp QzcbPyCp Qz Qzcb Qz Qz	88.93 88.93 91.07	89.00 89.17 91.08	CSH FLT VN BX SHR VN	IR 30° 50°	BFP	"	0	"	lt yl gy	"	"	"	0.6 444 422 440 420 104 102	0.3 444 420	2.9 444 422 420 440 106 104 102	0	As above - Evidence of tectonism w increased shr/FLT vn's, Resulting in alt. zone - FLT VN: BFP zones/fracts in Qz/Cb/GL mtx	311	.228	.14
91.44	94.49				Qz Qzcb PyBo Qzcb Qzcb QzcbPyCpBo QzPyCp	92.25 92.58 93.20	92.58 92.68 93.26	BLK FLT VN SHR VN	IR 40° 45°	BFP	"	"	"	"	"	"	"	0.7 444 422 420 440 104 102 100	0.4 442 420	2.0 444 422 420 440 104/2 106	0	As above - FLT VN: BFP frags in Cb/Qz mtx	313	.185	.10

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
94.49	97.54		96.82 Grad		Qz Qz Py Cp; Qz Cb Py Cp; Qz Cb Cp Py					BFP	Ar Ser4 Cb3 Kl2	0	Cb 3	lt ylgy	3/1	0	2	tr 102 420 104 442	0	0.3 442 102 420 104	0	As previous	200314	.096	.06
										BFP	KSi2	20-	—	SY	7	3	1	tr 102 104	0	0.1 102 104	0	As below			
97.54	100.58				Qz Py Cp; Ca; Qz Cb; Py Cp Qz; Ca					BFP	KSi2 (±Si)	20-	loc Ca Vnlts	SY	7	3	1	0.1+ 102 104 420	0	0.2 102 300 104	0	M.G. BFP - Grey (= slight, blue Si hue) KSi2 Alt'd BFP - 5-10% + c.g. Biot (1mm+) Diss Ep (10G) ~2%	315	.110	.08
100.58	103.63	-			Higher Qz Cb; Qz Cb Ep Py; Ca; Ca; Ca Cb; Cb; Qz					BFP	"	"	"	SY	7	3	1	0.2 102 104 420 300 300	0.2 104 420	0.2+ 102 104 420 300 300	0	As above - Higher Si = Higher Cu/Bo ?	316	.110	.07
103.63	106.68		Qz Se		Qz Py Cp; Qz Cb; Qz Py Cp; Qz Py Cp Ep; Qz Cb Py Cp					BFP	" (Qz Se4 - loc -)	"	"	SY	7	8	1	"	"	"	0	As above	317	.114	.08

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
106.68	109.73				Cb Q_zCp					BFP	K2	10	0	md gy blue hue	7	2-3	2	0.6 440 300 104	Tr 104	0.5 440 300		- Med gy, noncalcareous, mod magnetic mar BFP. Fresh subhedral Pl phenos ≤5mm. Peppered with black Bi <1-2mm across approx 5% as euhedral phenos and 5% as interst.	200319	.101	.05
109.73	112.78				Q_zCp CbQ_zPy Cb $Q_zCp±Py$					BFP	K2	10	5	md gy-blue	7	3	2	0.6 422 300	0	0.5 300 422		groundmass Bi - Py/Cp dominantly as vnlts or in Q_zCb vnlts. - Minor diss Cp and Bn	320	.51	.06
112.78	115.82				Q_zCbPy Cb Q_zCbPy Q_zCb					BFP	K2 Ch1	5	0	md gy-blue	7	3-2	2^{+}	<0.5	0	0.5 104		- For sec Bi/Bi phenos only locally ([illegible]) as [illegible] up to 10cm wide.	321	.133	.07
115.82	115.87		63		Q_z CbPy CbPy CbPy $Q_z±Cb$					BFP	K2 [illegible]	10	0	md gy-blue, buff-gy loc	6-7	2-3	2	0.5 104 422	0	0.5 104 464		- Med gy, hard, magnetic mar BFP; peppered sec Bi approx 10%. - 116.50 - [illegible] buff-gy, mod hard [illegible] around late Cb vns	322	.165	.07

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
216.41	219.46		217.27 Grad		Qzcb, Qz/Qzcb/Py					BFP	K3 (QzSe1)	35	0	dksy	6+	1+	2	0.4 104 102	0	0.4 104 102	0	As above	20362	.585	.23
					Qz, Qz Gy, Qz, Qz					BFP	KSi3	40	0	dksy	7	2+	1+	0.3 104 102 300 420	0	0.4 420 300 104 102	0	- M.G. BFP - More siliceous than previous to KSi3 Alt'n. - Diss Ep. (106) ~2%			
219.46	222.50		?QzSe1 220.84 ctc 30°		Qz					BFP	" (QzSe1)	"	"	"	7	2+	"	"	0	"	0		363	.330	.16
			221.68 Grad		Qzcb					BFP$_A$	KSi4	65	0	dksy/blk	7	2+	1	0.2 104 420	0	0.2 104 420	0	Aphanitic BFP - ≤5% Euh. plag. phenos			
			222.21								ArSe2 cb3	0	cb 3	lt.y/gy	4	0	2	"	0	"	0	ArSe-cb (clay-carb) alt'd Aphanitic BFP with rare KL-alt'd plag. phenos.			
			15° 222.67		QzcbGf PyCp	222.21	222.67	FLT VN	15°	FLT VN	ArSe3 cb3	0	cb 3	Blk	5	0	5	0.8	0	4.5	Gf 78%	- Graphitic FLT-VN-Anastomosing gf around clay-carb alt'd components.			
222.50	225.55		15° 223.95 Grad		QzPy, Qzcb, Qzcb					BFP	ArSe4 cb2 KL2	0	cb 2	lt.y/gy	2	0	1	<0.2 104 102 420	0	0.3 102 104 420	0	M.G. BFP - ArSe/Cb/KL Alt'n. - Kaol. alt'd plage phenos (white)	365	.589	.27
					Qzcb, Qzcb, Qzcb, Qzcb, Qzcb					BFP	Se3 cb2 (±KL1) (±ArSe2)	0	cb2	med. gy (± cb yl)	5	0	2	0.3 104 102 300 420	0	0.3 104 102 350 420	0	M.G. BFP - Se Alt'n - Se alt'd plag phenos. (pale grn); locally kaol alt'd (white)			
225.55	228.60		228.50 Grad		QzcbPyCp, Qzcb, Qz, Qzcb, Qzcb, Qz, Qzcb, QzPyCp, QzCb	225.75 227.13	225.83 227.34	SHR VN SHR VN	30° 30°	BFP	"	0	"	"	5	0	2	0.6 444 104 102 420 300	0	0.9 444 104 102 420 300	0	As above As below	366	.902	.35

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
228.60	231.65		+ +		Qz Qz Qzcb Qz QzSe Qz QzcbCPPy Qz Qz Qz QzCb					BFP	K3 (±Si) (Qz)Se3 (Cb1 -loc-)	20+	0/Cb 1	dkgy - gy	6	1/0	2	0.3 104 102	0	0.6 104 102	0	M.G. BFP - Principally K3 alt'n with near equal Se (±Qz) alt'n - 15+% f.g. biot; 5+% c.g. - Se (±Qz) + Cb alt'n predom. adj. to Qz / Qzcb vnlts.	200367	.657	.26 SG
231.65	234.70		+ +		Qz QzcbCPPy Qz Qzcb Qzcb QzSe Qz QzCb Qz Qzcb Qf QzcbPyCp	234.65	234.69	SHRVN	25°	BFP	"	"	"	"	6+	"	"	0.4 104 102 420 444 440	0	0.6 104 102 420 444 440	0	As above	368	.696	.28
234.70	237.74		+ +		QzCpPy QzcbPy Qzcb Qzcb Qz QzCpPy Qzcb QzcbPy					BFP	"	"	"	"	6+	"	"	0.4 104 102 424 442 420	0	0.6 104 102 424 442 420	0	As above	369	.787	.28
237.74	240.79		+ +		Qzcb QzcbCP QzMoPy Qz QzcbPy Qzcb QzSe/Qz Cb	238.37	238.48	SHRVN	25°	BFP	"	20	"	"	6	0/1	2	0.3 104 102 420 440	0	0.4 104 102 420 440	Mo 0.2 422	As above - Slightly more Se alt'd	371	.597	.23

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Visual					Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bl (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
240.79	243.84				Qzcb Qzcb Qzcb Cl Qzcb Py Qzcb Py Qzcb Qzcb	241.59	241.69	SHRVN	25°	BFP	K_2 Se_2 ($\pm Qz$) Cb 1	20-	cb 1	Med. Gy	6-	0/1	2	0.3 104 102 420 440	0	0.5 104 102 420 440	0	M.G. BFP - Principally K_2 Alt'n with high Se Alt'n (incr. dk) - f.g. biot ~< 5% c.s. biot ~< 15%	200372	.453	.20
243.84	246.89		244.64 Grad	Sbz	Qzcb Qz Qz Qzcb Qzcb Py Qzcb Cl Py Qzcb Qzcb Qzcb	245.84	246.05	SHRVN	45-55°	BFP	As above ArSe$_3$ Cb$_2$ K$_2$ Se$_2$	20-	cb 1 0 cb 2+	" 14.y/gy	6- 4	" 0	2 3	" 0.7 446 442 440 104	0 0	" 2.5 446 442 440 104	0 0	As above M.G. BFP - ArSe + Cb Alt'n with predominantly Kaol. alt'd plag phenos (loc. Se Alt'd.) - Alt'n due to large Qzcb	373	.459	.15
246.89	249.94		Sections in 24793 Grad		Qzcb Qz Qz Qzcb Qz Py Cp Qz Gy					BFP BFP	" Ch$_4$ K$_3$ (Se$_1$ Cb$_1$ Ch$_1$)	0 25+	" g cb 1	" dk gy -gy	11/1 6	0 1	2 1	102 420 0.4 104 102	0 0	102 420 0.3 104 102	0 0	Jn, Jugsy fqz. M.G. BFP - Good f.g. diss cp>py - Potassic (K_3) Alt'n - f.g. Biot ~ 10+% c.s. Biot ~ 15+%	374	.383	.12
249.94	252.98				Qzcb Qzcb Qz Qz Qz Gy Qzca Qzca Qzca Qzca					BFP	"	"	"	"	"	"	"	"	"	"	"	"	As above	376	.611	.20

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From (m)	To (m)	Rec %	Visual: Lithology	Visual: Fract	Visual: Veins	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
252.98	256.03		253.75 { K2 Se2 (±Qz) Cb2 } 255.25	SGE	Qz, Qz CpPy, Qzcb, Qzcb, Qz, Qzcb, Qzcb, Qz, Qzcb, Qzcb	254.29	254.31	Vn	30°	BFP	K3 Se1 (K2 Se2 (±Qz) Cb2 - Zone -)	25/15	0/1-2	dkgy to lt.gy/yl	6/3	1	3	0.6 424 104 102 420 200	0	0.3 104 102 424 420 200	0	As above - 253.75-255.28m - Zone of higher alt'n due to veining Lower potassic (to K2), with Se (± Qz) and Cb.	200377	.520	.17
256.03	259.08				Qzcb, Qzcb, Qzcb, Qzcb, Qz, Qz					BFP	K3 (QzSe1, Ch1, cb1)	20+	0/1	med-dk gy	6+	1	1	0.3 104 102 420	0	0.2 104 102 420	0	As above. Blotchy black biot = gy to dk. gy mtx. - c.g. biot primarily along vnlts. loc. Diss Ep adj. to some Qz	378	.460	.15
259.08	262.13		259.76 Grad; ArSe Cb KL; 261.17 Grad	SGE; SGE	Qz, Py, QzCpPyCt, QzCt, Qzcb, Qzcb	260.32 260.43	260.36 260.46	SHRVN SHRVN	40° 40°	" / BFP	" / ArSe4 Cb3 KL3	20+ / 0	" / cb 3	" / lt.y/gy	" / 4-	" / 0	" / 3	" / 0.3 444 104 102 [illegible] / 0.4 104 420	" / 0 / 0	" / 0.4 444 104 300 420 102 / 0.3 104 420	" / 0 / 0	As above / M.C. BFP - ArSe + Cb + KL alt'd plag. phenos. (clay-carb alt'n) / As below	379	.397	.15
262.13	265.18		263.31 { ArSe Cb KL } 263.96	SGE; SGE	Qzcb, Qz, Qz, CbQzPy, Qz	263.33	263.40	SHRVN	20°	BFP	K3 (±Si) (ArSe4 Cb3 KL3 Ch3)	25+	0/cb 3 -loc-	Med-dk gy / (lt.y/gy) -loc-	6+/(3-)	2	1	0.4 104 102 420 300	0	0.6 446 104 102 420 300	0	M.C. BFP Principally Potassic (K3; ± Si) Alt'n - Avg. 20% f.g. biot ~ 5% c.s. biot - 263.31-263.96m High Vn Alt'n - Increasingly siliceous down-hole	381	.415	.16

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
265.18	268.22		+		Qzcb, Qz Bi, Qzcb, Qzcb, Qz, Qz Mo Cp, Qz Mo Cp Py					BFP	KSi3	30+	0	dksy	7	1	1	0.5+ 104 102 420 422	0	0.4 104 102 420 422	Mo 0.3 422 424	As above - 25%+ f.g. biot ~5% c.g. biot Cp > Py - Nice f.g. diss cp	200382	.343	.13
268.22	271.27		+ Qz Se		Qzcb, Qz, Qz Cp Py, Qz Mo, Qz Py Cp, Qz Py Cp, Qz, Qzcb					BFP	KSi3	35+	0	dksy	7	1	1	"	0	"	Mo 0.2 422	As above	383	.501	.22
271.27	274.32		+ Qz Se	ss	Qzcb, Qz, Qzcb, Qzcb Cp, Qz Mo, Qz Py Cp, Qz Bi, Qz, Qz, Qz, Qz	271.79 271.79	– 271.81	SHR SHRvv	22° 22°	BFP	KSi3	40+	0	dksy	7	1 -2	1	"	0	"	"	As above	384	.412	.15
274.32	277.37		+		Qz, Qz, Qzcb, Qz Py Mo					BFP	KSi3	40+	0	dksy	7	1 -2	1	0.6 "	0	0.5 "	Mo 0.3 104 422	As above	385	.427	.14

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
277.37	280.42		ArSe/Cb		QzMoPyCp Qz CpQz QzCpCbMs Qz QzMo QzPy QzCb	280.00	280.04	SHRVN	60°	BFP	KSi3 (ArSe4 Cb3 -loc-)	40	0/Cb 1 -loc-	dkgy-blk	7	1	1	0.7 104 102 420 300 200	0	0.6 104 102 420 300 200	Mo 0.6+ 422 420 104	M.G. BFP - Dark, potassic-silicic (KSi3) Alt'n - Good, f.g. cp (> py) - loc. diss cp (106); with loc Qz vnlts	200387	.393	.13
280.42	283.46				Qz QzCb QzCb/Qz QzCa Qz Qz Qz Qz					BFP	KSi3	45+	0	"	7	1+	1	"	0	"	Mo 0.2 420	As above	388	.334	.12
283.46	286.51		286.19 ch Grad.	89°	Qz QzMo QzPyMo Qz QzCb QzPyCp Qz Qz QzBi	286.51	–	SHR	50°	BFP	KSi3	35+	0	"	7	1+	1	"	0	"	"	As above	389	.398	.14
286.51	289.56		Se		QzCb QzCb/Py QzCb QzCb QzCb Py QzCb QzCb Qz Qz QzPy QzCb Carb	286.61 288.34	286.64 288.36	VN VN	52° 60°	BFP	ArSe3 Cb3 KL3 (Ch4 -loc-) Se3	0	Cb 3	Beige-y/gy	4+	0	2	0.3 302 104 102 420 300	0	0.3 302 104 102 420 300	0	M.G. BFP Principally ArSe + Cb ± KL Alt'n (ie clay-carb) - Moderately Sericitic Zones	390	.454	.15

5G

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-66

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
289.56	292.61		290.30 alt change		Cb Q2 Cb Q2CpPy Q2Mo Q2CpPy					 BFP	SeAr3 Cb+2 KSi3	0 15-20	1 0	buff gy dk gy	3-5 7	0 1	2 4-	1 104 0.9 104 422	0 0	2 104 1.5+ 104 422	 Mo Tr 424	- As above - Mgr BFP. Pl pheucs <5mm - Black Bi pheucs 5-10%. fgr groundmass Bi ~10%. - diss Py > diss Cp	200391	.386	.14
292.61	295.66				Cb Q2Cp Q2Cp CbPy Cb					BFP	KSi3	20	0	dk gy	7	3	2-3	0.9 104 102 422	0	1.5 104 102		- As above	393	.408	.15
295.66	298.70				Sil Q2Cp vnlts Ca Cb Cb					BFP	KSi3	15-20	0	dk gy	7	2-3	2-3	1 104 102	0	1.5 104 106	Po <0.5 104	- As above	394	.374	.13
298.70	301.75				CbPy Q2CpPy CbCa					BFP	KSi3	20	0	dk gy, black peppered	7	0-1	3	[illegible] 104 [illegible]	0	[illegible] 104		- As above, slightly higher sec Bi - 298.60 - 299.20 buff gy SeAr + Cb alt halos between 2 [illegible] CbPy [illegible]	395	.526	.18

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-66

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
			302.75							BFP			as	per		above.									
301.75	304.80		CTC 30		Cb; Q2CpMo; Cb; Q2 vnlts; Cb; Cb Q2Bi					ZS	KSi3 Q2Se4	5?	0	gy-drab bu hue	6+	0	4	1 422 104	0	1 422 104	Mo Tr 424	- Hard to very hard massive vfg ZS. - Dominantly drab-gy or lt drab Q2Se alt. Dark gy (bu hue) K-alt relicts <20% vol.	200396	.383	.12
304.80	307.85		304.95; 305.30; 305.80; 306.80		Q2Mo; Cb; CbPy; sil; Si Cb flood; Cb; Q2+sil; Cb					ZS	KSi3 Q2Se4	5 25 loc (dyke)	0	drab-gy dk gy (dyke)	6-7	0	4-5	1+ 104 422	(	1.5 104 422	Mo Tr 422 300	- Minor sec Bi in Q2 vns in last 0.5m. - 304.95 - 305.30 and 305.80 - 306.80 KSi3+ alt'd mgr BFP dykes. - diss Cp and Py in silica flooded intervals	397	.618	.19
307.85	310.90		308.20; 309.25		Q2±Cb; Cb; Q2Cp; Cb; Q2CpMo; Cb					ZS	KSi4	10? vfg	0	dk bu-gy 'black'	6-7	2-3	4	1.5 104 422	0	1.5 104 422		- Late Cb vns only loc Minor Cb alt haloes around Cb vns = 308.20 - 309.25 dk gy-bu, hard to very hard nonmagn mgr BFP. KSi4, sec Bi = 30% - 309.25 - 310.70. dk bu-gn-gy magnetic vfg ZS. no visible Bi	399	.620	.20
310.90	313.94		311.20; 312.50		Q2; Q2±Cb; Mo; CbPySc SHR; CbPySc/SHR; Q2; Cb	311.90	312.50	SHR	30	ZS	KSi3 relict Cb4 loc	5?	0 loc 3	drab, loc dk drab-gy	4 min 7-	0	4	0.9 422	0	1.2 442 422	Mo Tr 300	- Same as above, but Cb-alt spreading from Q2±Cb vnlts network - 311.20 - 311.90 KSi3 alt'd BFP 311.90 - 312.50 ArSe grading to Se3. ArSe & Se alt between two SHR planes. 30° TCA.	400	.510	.16

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-66

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
313.94	316.99		315.20 KSi 315.90		Q2Py; Cb; Si; Q2Cp					ZS	KSi4	10?	0	dk bn-gy "black"	7	2-3	4-5	1.2 422	0	2 422	Mo Tr 422	-Black, very hard, magnetic vfg ZS - Yarn text formed by a network of Cb and Q2±Cp vns/vnlts. Minor Cb alt haloes along vnlts/vns/frcs.	200401	.540	.16
316.99	320.04				Cb; Cb; CbPy; Q2CpMo; Q2(Cb)Cp; Q2±Cp					ZS	KSi3 Q2Se4	5?	0	drab, black relicts	5	1-2	4	1.2 422 104	0	1 442	Mo Tr 422	-Med gn-gy-bn (drab) Q2Se alt dominantly. Dark gy/black ± bn hue K-alt relicts ~20% vol.	402	.501	.13
320.04	323.09				Q2CbCp; Q2Cp; Bi; Q2±Cp; Q2CbPy; Q2±Cp					ZS	KSi3 Q2Se4	5?	0	drab, black relicts	6-7	2-3	4	1.2 422 104	0	<1 442		-As above K3 approx 50% of the interval. - Cp>Py	403	.751	.35
323.09	326.14		323.15 323.60		Q2CpPy; Q2±Cb; perv CbCp; CbCp±Py; Bi; yarn					ZS	KSi3 Q2Se4	5?	0	drab black relicts	5	2-3	4-5	1.5 442 422	0	<1 442	Mo Tr 422	- As above -323.15 - 323.60 KSi4 mgr BFP dyke - CbCp vns/vnlts yarn, loc perv Cb [illegible]	405	.412	.11

END OF HOLE!

SG

3562-1

Pacific Booker Minerals Inc.
Morrison Project

Hole ID: MO-02-67	Nominal Collar Coordinates:	Hole Type: NTW, reduced to NQ at 59.44 – 157.15
Date Started (drilling, logging): Apr 17/Apr 18, 2000	Surveyed Collar Coordinates:	Material left down hole: casing + 110ft HQ rods?
Date Completed (drilling, logging):	Depth: surface Depth: 79.25m Depth: 190.50m Depth: 281.94 Depth:	Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 272.5 Azimuth: 274° Azimuth: 275° Azimuth: 273° Azimuth:	Top of bedrock: 87' = 26.52m
Geologists: K. Lesnikov, D. Headley	Dip: -45 Dip: -45° Dip: -43° Dip: -42° Dip:	Purpose of Hole: grid drilling
Section: 9180N Map Reference:	Survey Method: Sperry-Sun	

			Visual						Structures				Descriptive															Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT		VEINS		From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t			
				*		*		*																						
0	1.52												NOR												– 0.00 – 6.50 No recovery					
1.52	4.57												NOR																	
4.57	7.62			6.50									NOR																	

Hole: MO-02-67

Pacific Booker Minerals Inc.
Morrison Project

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
7.62	10.67									OBD												- 6.50 - 26.52 Overburden - Subrounded to subangular cobble size (5-10 cm across) sil ZS frgs form approx - Angular to subrounded ZS, andesite, quartzite and black mudstone	10%.		
10.67	13.72									OBD												fragments 5mm - 30mm across form 30-50% vol - clay/sil soil supported - NO SAMPES!!!			
13.72	16.76									OBD												- From 6.50 - 26.52 Drillers cored overburden and recovered ~ 7m of core (2 boxes weighed)			
16.76	19.81									OBD															

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

Core			Visual				Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Ep 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86										OBD															
22.86	25.91										OBD															
25.91	26.52			26.52							OBD															
26.52	28.96			28.00		Qz QzPyCp Si					BFP-ZS? BFP	ArSc4 + Cb3, Si2'loc	0 as	1	buff-gy-bu per	2-3 below	0	2-4	0.5 104 422	0	<1 104 422		- Int clay-carb alt'd BFP porph text relicts only loc - Set of subparallel QzCp vns wk SHR. Broken core mostly, ArSe+Cb alt'd ZS frgs. - Mgr BFP: Int kaol alt'd Pl phenos 1-5mm	200406	.682	.23
28.96	32.00					Py ?-Cp Qz-Cb-clay-Py					BFP	ArSc4 + Cb3	0	2	buff-gy	2	0	2	1 104 106 422	0	<1 104		- Beige-gy carb-Se alt'd groundmass - Cgr to fgr diss Cp/Py and some tarnished diss sulfides Rare SeCp vns	407	.594	.17

8a

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
32.00	35.05				Qz Q2fp					BFP	ArSe4 + Cb3	0	1-2	buff-gy	2-	0	1	1.3 104 106	0	1 104		-As above	408	.607	.17
			35.90		Cb clay Ex					BFP		as per above													
35.05	38.10		RUBBLE		Q2Py Cb Py (p)					ZS	Se5 + Cb3	0	1	buff-gy (Lt drab)	3-	0	3	0.6 422 300	0	0.5 422 462		-Lt drab, very soft, int Se and mod Cb-alt'd massive vfg ZS. Possible ArSe alt same as BFP before. -Blocky core 50% of the interval	409	.485	.15
38.10	41.15				Cb clay Q2Py Cb					ZS	Se5 + Cb3	0	1	buff-gy (Lt drab)	3-	0	3	0.5 422	0	0.5 462		-As above	411	.452	.14
41.15	44.20				Q2Py Cb Py					ZS	Se5 + Cb3	0	1	buff-gy (Lt drab)	3-	0	3	0.5 422 445?	0	<1 462 444		-As above	412	.664	.19

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
										ZS												As above			
			44.40 crc wtr 45.05			44.40	45.05	FLT BX	40°	FLT BX (ZS)		0	0	lt.gy	1	0	0	N/A	0	0.2 106	0	Siltstone frags in qtz+mud cement			
44.20	47.24				Qccb Qz-mud Qz Qz Py Cp Qz-mud	45.23	47.30	BLK	IR	BFP	$ArSe_3$ Cb_3 KL_3	0	cb 3	lt.gy (grn yl.)	3	0	1	0.2 420 102	0	0.2 420 102 424	0	M.G. BFP - $ArSe_3$ + Cb + KL (alt'd plag phenos, to white) alt'n - loc. Qz-mud "seams" cementing fractured/bx'd	200413	.234	.14
47.24	50.29				Qz Qz-mud Qz Cb Qz Cp Py Qz Cp Py Qz Qz-mud	47.78	48.36	BLK	IR	BFP	"	0	"	"	"	0	1	0.2 424 102 420 300	0	0.2 424 102 420 300	0	BFP frags. - lt. grn-gy color - Qtz + clay fract. filling (?)	414	.211	.13
						49.26	49.29	Fract. FOL	30°																
						49.71	50.75	BLK	IR																
50.29	53.34				Qz Qz Qz-mud Qz Qz	51.66	54.80	BLK	IR	BFP	"	0	"	"	"	0	1	0.2 420 102	0	0.2 420 102	0	As above	415	.209	.16
53.34	56.39	.	54.88 50°		Qz					BFP	"	0	"	"	"	0	"	"	"	"	"	As above	417	.236	.17
						54.88	56.45	Fol	50°	BFP Bx	$ArSe_3$ cb_3 KL_3	0	cb 3	lt.gy (w lt grn)	3+	0	"	0.2 102 420	0	0.3 102 104 420	0	BFP - "Crackle Breccia" - Brecciated & cemented BFP - Cement of lt.grn Qtz-mud - ~5% cement, ~35% frac'd			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
																						as above			
56.39	59.44		56.45 CTC ?			56.45	56.55	FLT	40°	FLT -BFP	Arse3 Cb3 Si3	0	Cb 3	H.ylgy	5+	0	N/A	0.2+ 102	0	0.2+ 102	0	Fault BFP - Up to 3cm (gen. <1cm) diameter BFP frags in a lt gn Qtz-mud mtx. = BFP Fault Breccia - some frags of brecciated, graphitic Qtz veins.	200AB	.173	.09
59.44	62.48				Qz cPPxp	60.03	61.77	BLK	IR	FLT -BFP	"	0	Cb 3	"	5+	0	"	0.3+ 102 422	0	0.4+ 102 422 426	0	NTW to NQ @ 59.44m Fault BFP; as above	419	.176	.12
						62.35	—	Tect Fol (FLT)	40°													@ 62.37m: DK. gy silicified bx to lower ylgy arse + si Bx = FLT CTC Fol'n			
62.48	65.53		65.25 CTC ?		Qz cPPxp Qz cPPxp	63.05	—	Tect Fol (FLT)	30°	FLT -BFP	"	0	Cb 3	"	5+	0	"	0.3+ 102 422 426 104	0	0.4+ 102 422 426 104	0	Fault BFP; As above @ 63.05m: BFP wedge to ylgy, siliceous Bx = FLT CTC Fol'n	420	.212	.14
						64.55	64.70	FLT VN	? 0																
					Qz cBx Qz	65.25	66.20	BLK	?													Shear BFP: M.G. BFP with numerous graphitic shears			
			66.20		Qz cBx Qz cBx Qz cBx Vnlts					SHR -BFP	Arse3 Cb3 KL3	0	Cb 3	"	4	0	"	0.3+ 102 420	0	0.4+ 102 420	0				
65.53	68.58		IR		Qz					BFP	Arse3 Cb3 KL3	0	Cb 3	"	4	0	"	0.3+ 102 420 104	0	0.4+ 102 420 104	0	BFP - Wedge - Rare (loc.) graphitic shears - Arse + Cb + KL (alt'n plag phenos) Alt'n	421	.157	.11
			68.38																						
			Fol 30°		Qz cBx Qz cBx Qz cBx Vnlts					SHR -BFP	Arse3 Cb3 KL3	0	Cb 3	"	4	0	"	0.3+	0	0.4+	0	Shear BFP; As below			

N7 / N

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
68.58	71.63				Se FR Cb Se SHR Cb flood Qz Py vnlts Se SHR	68.70	70.30	SHR	5-20	SHR-BFP	ArSe4 + Cb3 Si2	0	2	buff-gy	2-3	0	4	C.C 104	0	104 300 422		- Weakly tectonized and chl'd clay-carb alt'd BFP. Loc crackled and healed with beige carb - several Se SHR planes with slicks generally <10° TCA.	20423	.154	.10
71.63	74.68				Se SHR Qz Cb Py Cb flood	71.40	71.30	SHR	5-20	BFP	ArSe4 + Cb3, Si2	0	2	buff-gy	3	0	4	? 0.6 104	0	1-2 444 704 300		- Tarnished sulfides. Cp could be higher	424	.176	.16
74.68	77.72				Cb - SHR Qz Py (Cp)					BFP	ArSe4 + Cb3, Si2	0	?	buff-gy	3	0	3-4	1 104 442	0	1-2 104 300		- As above, no SHR.	425	.250	.21
77.72	80.77				Se Cb SHR/Fx Qz	79.20	79.50	SHR/ Cb vn	30	BFP	ArSe4 + Cb3, Si2	0	2	buff-gy	3	0	2-4	1 104 442	0	1-2 104 300		- As above.	426	.266	.14

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
80.77	83.82				Cb(Qz)Py; Qz; QzCp					BFP	ArSe4 + Cb3, Si2	0	2	buff-gy	2-3	0	3	0.5 104 422	0	1-2 104 102 420 300		- As above. - Diss Cp visible only loc in darker "clasted" secns	200428	.171	.11
83.82	86.87		85.70 – 86.50		CbSe/SHR; Qz	84.20	84.30	FVN/SHR	30	BFP	ArSe4 + Cb3, Ch4 loc	0	2	buff-gy black loc	2	0	3	?0.5 104 422	0	1.5 104 102		- Softer clay-carb alt'd mgr BFP - 85.70-86.50 black, soft int Ch alt. No diss Cp in Ch alt'd sections.	429	.268	.14
86.87	89.92		86.85 – 87.55		QzCp; QzCp					BFP	ArSe4 + Cb3, Si2, Ch4 loc	0	2	buff-gy, black loc	2-3	0	3-4	1 104 102 300 422	0	1-2 104 300		- Wk Silicif'd clay-carb alt'd BFP. Tarnished Cp - 86.85-87.55 black, soft int Ch alt	430	.328	.25
89.92	92.96		90.80							BFP	ArSe4 + Cb3, Si2	0	2	buff-gy	2-3	6	4	1	0	1-2		- Clay-carb alt'd BFP as per above.	431	.604	.37
			92.60			90.80	92.60	FLT?		UNK/FLT?												- 90.80 - 92.60 very poor rec. 10 cm of clay and pebbles recovered. Possible fault			
					CbSe/SHR	92.60	92.70	FVN/SHR	30	BFP			as	per		below						- 92.60 - 92.70 Sheared black	SeQ_2 – [illegible]	[illegible]	

Hole: MO-02-67

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: Lithology	Visual: Fract	Visual: Veins	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
92.96	96.01		+ +		Qz Py Cp; Qz Py Cp; Py de; Qz Py; Qz Py Cp					BFP	ArSe4 Cb3 KL3	0	cb 3	lt.ylgy	2	0	2	0.8 422 420 104 102	0	1.0 422 420 104 102	0	M.G. BFP - Highly alt'd; lt.ylgy (±gn); ArSe + Cb + kaol (plag phenos) Alt'n.	200433	.547	.45	cc
96.01	99.06		+ + 96.92 ch4 97.85	55° ; 55°	Qz Py Cp; Qz Py Cp					BFP	"	"	"	"	2	0	2	"	0	"	0	As above	434	.333	.19	cc
99.06	102.11		+ + 101.66		Qz Cb Py Cp; Qz ± Py Cp	99.20 99.30	99.30 99.40	CSH SHR BFP	IR 40°	BFP	"	"	"	"	"	"	"	"	"	"	"	As above	435	.494	.27	cc
			ch3		Qz Py Cp													0.7 ↓	0	0.6 ↓	0	As below				
102.11	105.16		K3 Se3 ch3 103.92	99°	Qz cb; Qz Py; Qz; Qz cb; Qz Py Cp	103.65 103.74	— —	SLK SLK	33° 33°	BFP	K3 Se3 ch3	20	0	dksy -gy	6	0/1	1	0.7 104 102 420 300 424	0	0.6 104 102 420 300 424	0	M.G. BFP - Principally K3 and Se3 (±Qz) Alt'n with ch3 Alt'n @ upper + lower ctc - Biot along units	436	.291	.16	cc
			ArSe3 Cb3 KL3	99°	Qz					BFP	ArSe3 Cb3 KL3 (ch2)	0	3	lt.ylgn	2	0	1	0.4 104 150 420 300	0	0.4 104 102 430 300	0	M.G. BFP - High clay-carb Alt'n (ArSe + Cb + KL) - White; KL-Alt'd plag. phenos. (also pl.gn:Se)				

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
105.16	108.20				Qz Py Cp Py Cp Qz Qz Cb Qz Py Cp Qz Cb Qz Py Cp Qz Py Cp	107.54 107.81	107.54 107.88	(Shr) Vn Vn	50 30	BFP	Ar Se4/ Cb3 Kl3 Ch3 (± Se3)	0	cb 3	H. ylgn/ GY	2/5	0	2	0.7 424 420 104 300 102	0	2.5 424 420 104 102 300	0	M.G. BFP - clay-carb (Ar Se - Cb - Kl) alt'n as above. - 1st of well mineralized veins. - ± chloritic sections, some sections with Se alt'd plag phenos (Kl. Sm)	20437	.416	.22
108.20	111.25		± Ch (Kl) 109.64 CTC Cont Ch3		Qz Py Cp Qz Qz Cb Qz Qz					BFP	"	"	"	"	"	"	"	0.4 104 102 420	0	0.4 104 102 420	0	As above			
										BFP	K3 Se3 Ch3	20'	0	dk gy - dk grn - SY	6-	2	1	1.0 104 102 420 300	0	1.0 104 102 420 300	0	M.G. BFP - Potassic (K3) alt'n with sericitic alt'd zones and high Ch alt'n towards the base. - Unalt'd relatively BFP (< 8.)	439	.483	.29
111.25	114.30		#1.61 CTC Cont Lost Core		Qz Qz Py Qz Cp Py Cb Qz Py Cp Py Qz Cp	112.05 113.70 113.70	113.52 113.96 118.16	GGE (?) Vn Vn's	IR 25- 25-30	BFP	Ar Se3 Cb3 Kl3	0	cb 3	H. ylgn - H grn	3	0	3+	2.5 426 422 300 104 102	0	1.5 426 422 300 104 102	0	M.G. BFP - clay-carb (Ar Se - Cb - Kl) Alt'd BFP - V. well mineralized veins (Qz + Cp). Generally not very consistantly oriented.	440	1.239	.64
114.30	117.35				Qz Cp ± Py ± Sp					BFP	"	"	"	"	3/7 (Vn)	0	4+	3.0+ 426 424 422 104 102 420	0	2.5 426 424 422 104 102 420	Sp 0.5 302 426	- 113.70 - 118.16 m: Series of Qz-Cp veins. Generally 1 - 1.5 cm in diam, up to ~ 26 cm Qz Vn's ~ 65% of interval. Cp c.g. and loc. > 10 % of Vn.	441	1.813	1.18

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
117.35	120.40		+ Ech	mm gge	QzCp ± Py; QzPyCp; Qz; QzCpPy; QzPy; QzCpPy					BFP	ArSe3 Cb2-3 KL3 Ch3-4 Se3	0	cb 2-3	lt.ylgrn / grn-gy	3	0	4/1	2.5+ 426 424 422 104 102 420 300	0	1.5 426 424 422 104 102 420 300	0	M.G. BFP; As above - Dom. chlorite alt'd zones loc. Usually denoting some sort of trans. zone.	200442	1.628	.95
120.40	123.44		+	mm gge	Qz Py; QzCpPy; Qz±Py ±Cp veins; Cb Qz					BFP	"	0	"	lt.ylgrn	"	"	1	1.0 420 300 422 104 102	0	0.8 420 300 422 104 102	0	As above - Plag phenos Kalo (white) to Se (pale grn) alt'd	443	.517	.46
123.44	126.49		+ Ech 126.37	gge	Qz; Qz; Qz; QzCpPy	124.09; 126.15	124.12; 126.16	Vn	60°; 30°	BFP	"							0.6 "		0.5 "		As above	445	.642	.40
			126.84			126.37	126.84	FLT VN	33°	FLT VN	"		"	blk - dkylgy				102		102		Fault-VN: - Qz-Gf ± Cb ± Py Breccia in Qtz or Cb mtx			
126.49	129.54		No Rec. N/A 128.45							BFP(?)	ArSe3 Cb3 KL3											No Recovery - Post FLT-VN; ∴ poss. FLT ZONE	446	.180	.10
			+ N/A		PyQz; Qz PyCp; QzPy	128.45	130.17	SHR ZN	30-50°	SHR BFP	ArSe3 Cb3 KL3 Se3	0	cb 3	lt.ylgrn / blk	3	0	3	0.3 420 102	0	0.3 420 102	0	- Shear BFP - Clay-Carb Alt'd BFP with black Qz-Gf shears @ generally 30-50° TCA			

SG

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
129.54	132.59		130.17		Qz Py cp					SHR -BFP	ArSe3 cb3 kL3	0	cb 3	lt. y'lgrn	4-	0	2	0.3 424 420	0	0.6 424 420	0	As above - Shear BFP	200447	.255	.08
			ctc 50°		Qz Py cp; Qz Se alt'd wl's; Qz ly cp	130.17	130.19	SHR VN	50°	ZS	Se3 cb1	0	cb 1	grngy (olive grn)	4-	0	1	0.3 420 102	0	0.3 420 102	0	F.G. Siltstone · Se Alt'n - upper ctc fractured + folded adj. to QV - ZS Wedge.			
			131.59 ctc 50° ArSe cb3	SS	Qz ly; Qz ly cp					BFP	K1 (Si3)	5	0	gy	6	1	1	0.5 104 102 420	0	0.5 104 420 102	0	M.G. BFP - Principal alt'n is potassic (K1); as diss c.g. biot (~5%); accompanied by sericite and carbonate alt'n.			
132.59	135.64				Qz cb; Qz cb; Qz cb					BFP	(Se3 cb1) (ArSe4 cb3 -loc.)	"	1 -loc.	"	"	1	1	"	"	"	"	- diss euhedral ep. (106) ~ 2%	448	.305	.23
			133.69 Qz ctc		Qz Py cp; Qz cb Py AsCp; Qz cp; Qz cb	134.27	134.38	VN	50°	BFP	Se3 (±Qz) cb3 cb3	0	cb 3	ylgygrn	6	0	2	1.0 446 104 102	0	5.0 446 104 102	As 0.4 446	M.G. BFP - Vn-related Alt'n - Se + cb Alt'd plag. (pl. grn)			
			134.99 ctc															↑		↑		M.G. BFP as below			
135.64	138.68				Qz cb; Qz cb; Qz cb; Qz cb; Qz cb; Qz cb					BFP	K3 (Se1 -loc.)	20+	0	gy -dkgy	6	3	1	0.3 420 104 102	0	0.5 420 106 104 102	0	Potassic alt'n (K3) - 10-20% c.g. biot - 5-10% f.g. biot. - locally sericitic (Se) - loc. sl. blue laths (loc) ?	449	.151	.05
138.68	141.73				Qz Py cp; Qz cb Py; Qz cp Py; Qz cb; Qz cb; Qz cb; Qz cb; Qz cb					BFP	K3+ (KL1 -loc.)	25 (-65 -loc.)	0	"	"	3	1	0.7 104 102 420 440	0	0.6 104 102 420 440	0	As above - loc. KL-Alt'd plag. phenos - loc. K3 Alt'd ZS Zenoliths - loc. v. high-K alt'd intervals - Over 15cm to 65% f.g. biot	451	.309	.10

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnits 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
141.73	144.78				Q_2(Cb) Q_2Cp Q_2Bi Q_2Cp Cb					BFP	K4	35	0-1	dk gy-black	6⁻	0	3⁺	1.5 104 422	r	1⁻ 104		-Int K-alt'd fgr BFP; Pl pheno's < 3mm across. Black sec Bi pheno's ≤ 3mm 5-10%. Sec Bi mostly as fgr/interst in groundmass	20452	.429	.12
144.78	147.83				Cb Q_2Py Cb Cb Q_2					BFP	K4	35-30	0-1	dk gy	6⁻	0-2	3⁻	1.3 106 104	c	1 104 200		-As above -144.80 - 145.10 and 145.40 - 145.55 25 xenoliths.	453	.413	.11
147.83	150.88				Cb Cb Q_2Cp CbQ_2Py Q_2Cp					BFP	K4	30	0-1	dk gy	6⁻	0-2	3	1.8 104 106 200	c	1⁺ 104 200		-As above	454	.485	.13
150.88	153.92		Sc alt		Cb Q_2Bi CbPyAs Q_2BiQ_2p	152.80	152.81	CbPyAs	40	BFP	K4	35	1-2	dk gy-black	5-6	0	3⁻	1.5 104 422	c	1⁺ 104	As Tr 464	-As above -152.60 - 153.90 Sc3 halos around late CbPyAs vn	455	.384	.11

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97		155.52		Qz Cp Qz Cp Cb					BFP	K4	35	0	dk gy to black	6	0	2	1.5 104 422	0	1 104		- As above	200457 gy core	.400 poss	.11 K-alt
			CTC ~60 156.60 alt cl ug		Qz+sil Bi CbPy					ZS	QzSe4 K2	<5	0	lt gy	7	0	4-5	1 104	0	<1 104		-155.52-156.60 lt gy, very hard int silicif'd vfg ZS. Dk bn sec Bi in some Qz vlts Rare dk -156.60-160.90 soft str			
156.97	160.02				CbPySph perv Cb Cb CbPy Cb±Py network	157.52	157.53	CbPy As	40	ZS	Se4, Cb3 loc	Tr	0	md gy, frine [illegible]	3	0	5⁻	1.3 104	0	1⁺ 104 460	As Tr 464 Mo	Se alt fgr, loc car ZS - Cb alt along frcs and Cb±QzPy vnlts forms network "yarn text". Approx 50% of the interval is Cb3-4 alt'd -	458	.339	.13
160.02	163.07		160.90 alt clay									as per above.									Tr 422				
			162.55		Bi					ZS	QzSe4 K2	Tr	0	md gy bn hue loc	6⁺	0	2	1.4 104	0	0.5 104		-160.90-162.55 Hard Si-Se alt'd vfg "aphanitic" ZS. -Loc bn hue, fg diss sec Bi.	459	.302	.07
			GRAD CTC		Cb																	-162.55-165.20 lt gy-gn			
163.07	166.12									SS	Ar3? Se3 Cb4	0	3	lt gy-gn	1-3	0	2	<1 104	0	<1 104		soft to very soft, calcareous fgr sandstone (gr <0.5mm) -Green hue could be Ch or gn clay (montmorilonite)	460	.253	.05
			165.20 CTC 30		Cb yarn					ZS	QzSe3	0	0	drab	3-4	0	4	Tr 460	0	0.5 460		-165.20-166.70 drab soft, loc mod hard QzSe vfg ZS.			

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Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
			166.70 alt cl ug								as above.															
166.12	169.16				Q2 Cb±Q2±Py vnlts cgp + Q2±Bit vnlts Cp					ZS	KSi3 Q2Se3 loc	10	0	dk gy-bu ol-gu loc	7, 5 loc	0 2-3 loc	-	0.8 420 104	0	1.2 462 300	Mo Tr 422	- 166.70 - 173.00 dk bu-gy to black, hard to very hard KSi3 alt'd vfg ZS. Loc (<20% vol) dral or olive gu softer Q2Se haloes around CbPy vnlts.	204461	.218	.05
169.16	172.21				Cb±Py Cb Q2 Q2					ZS	KSi3 Q2Se3 loc	10	0	dk gy-black ol-gu network	5-6 7 loc	0 2 loc	4	1 440 104	0	1.2 462		- Vfg diss bu or bu-black sec Bi - Cp loc in int KSi alt'd sections, diss and in Q2 vnlts	463	.158	.04
172.21	175.26		173.00 alt cl ugr 173.75 174.50 174.80 FLT CTC 45		Q2 Cb Py Q2 Cb Q2 Cb Q2 Cb Py	174.80	175.05	FLT SHR	45	ZS	Ar4 Cb2?	as 0	0 1 1-2	above buff	1-2	0	4	<0.5 104	0	1 463		-173.00 - 174.80 lt gy-yl-g (buff) very soft, str Ar-alt'd vfg ZS. Cream Cb alt haloes and loc noncalc perv Cb alt. -173.75 - 175.30 ArSe4 + Cb3 + KC4 BFP dyke	464	.180	.08
175.26	178.31		175.05		Q2 Cb Py Q2 Cb Q2					BFP	ArSc5 + Ch3 + Cb3	0	2	lt gy-buff	2	0	2	<0.5 104	0	<0.5 104	Mo Tr 104	-174.80 - 175.05 int SHR'd Se Cb Py - wk Si3 ctc. Incl 2 cm wide GGE. -175.05 - 183.30 lt gy, very soft, wk calc clay-carb alt'd mgr-fgr BFP - Lt gy very soft noncalcareous PC phenos <2 ch: alt'd ? < 3 mm	465	.171	.05

SG

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Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
178.31	181.36				Cb Py/SHR Qz Qz Qz Cb Qz SHR	175.65 180.40	178.80 180.55	Ca Py vn/SHR Ca Qz Py vn/SHR	60 50	BFP	Ar Se 4 + Cb 3 + Ch 2 Ch 5 loc	0	2	buff-grey loc gu hair 1 gu-black loc	2-3		2	0.5-1 104	0	0.5-1 104 464		- buff carb Se alt'd Bi - Fgr tarnished Cp and Py hard to estimate - Black Ch 5 sections <30 cm loc	200466	.405	.10
181.36	184.40		183.60 184.15	GGES	Qz Cl Cb Qz					BFP	Ar Se 4 + Cb 3 + Ch 2 Ch 5 loc	0	2+	buff-gu - gu	2	0	2	0.5-1 104	0	0.5-1 104		- As above - Black Ch 5 at 181.90 - 182.20 - 183.60 - 184.15 drab Se 4 vfg ZS xenolith. Gouged lower c/c	468	.367	.09
184.40	187.45		184.80 K3 185.45 186.90 alt chng		Qz Cb Qz Cb Qz Cb					BFP	Ar Sx-5 + Cb 3 + Ch 2, K4 loc	0 as	3 per	buff-gu bu-black loc	1-2 7 loc	0	2	1.3 104	0	0.5-1 104		- Very soft, greenish - 184.80 - 185.45 very hard, bu-black K4 alt'n wgr BFP. diss Cp = 2%, diss Py = 1-2% - 2.60m recovered. - Back to NTW at 187.45 - 186.90 - 195.45 dk bu-black	469	.510	.15
187.45	190.50		188.33 189.63		Cb Qz Cp Cb Qz Cp Bi Cb Cp > (Py) Cb (Qz) Py					BFP	K4	35	0	bu-black	6 7 loc	0	3	1.8 104 462 444	0	0.7 104		hard, noncalcareous wgr BFP (Pl phenos < 5mm) - Approx 10% euhedral Bi phenos ≤ 3mm) Fgr ground mass Bi = 20-30% - 188.33 - 189.63 drab Se 3 alt'd vfg ZS 5% Cp > Py vns "yark	470	.499	.16

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
190.50	193.55		+ + +		Q2Cp Q2Cb Q2Cp					BFP	K4	35	0	bn-black	6	0	3+	2 106 104 422	0	0.8 104		- As per above	200471	.375	.13
193.55	196.60		195.45 alt chng		Q2Cp Q2Cp Ca CbPy					BFP	K4 ArSe4+ + Cb3 + Ch2	35 0	0 3	bn-black lt buff-gy	6- 2	0-1 0	3 2	2 104 422 1 104	0 0	0.6 104 .5 104		- As per Above. - 195.45 - 199.85 lt buff-gy, soft to very soft, mod-str calcareous clay-carb alt'd m-gr BFP.	473	.446	.13
196.60	199.64		+ + +		CbPy Q2±Mo Cb Q2 Q2	196.95 197.35	196.97 197.38	CbPy±As vn CbQ2 Py vn	30 30	BFP	ArSe4+ + Cb3 + Ch2	0	3	lt buff gy	2+	0	2	0.9 104	0	2 104	As <0.5 464	- Pl phenos are usually lt gy, KlCh alt'd. White, Kl alt'd pl phenos loc. - Entire interval represents clay-carb alt haloe around late CbPy±As vns at 196.95 and 197.35.	474	.442	.26
199.64	202.69		199.85 alt chng 202.00 alt chng		Cb CbPy Cb Cb CbPy CbPy Q2					BFP CG	SeAr4 + Cb2- K3 rel K4	0, <5 loc as	2	lt gy per	4- below	0	2	<0.5 104 in K rel. only	0	1 104		- 199.85 - 202.00 lt gy, soft wk calc. BFP Se>>Kl - Coarser than above Pl phenos <10mm usually white (Kl alt'd), sometimes gy (Se-alt'd) - Minor K3 relicts in first 50 cm. - System of subparallel late CbPy vnlts 15° TCA - From 202.00 K4 alt - 202.00 - 202.20 ZS xenolith	475	0.111	.16

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
202.69	205.74		203.83 204.47		Q2(Cp) Q2Cp perv Cb diss Cp Cb Q2 Ch					BFP	K4	30	0	dk gy-bu	6-	0	2	1.2 104	0	<1 104		- Mgr BFP, Pl phenos 5mm across 30-40% vol. Black euhedral sec Bi phenos up to 2mm, approx 10%. Finer groundmass Bi ~20%. - 203.83 - 204.47 Se-alt'd and Cb4 alt'd in last 20cm ZS xenos	200476	.313	.11
205.74	208.79				Q2±Cb Q2Cp Q2 Cb Q2Bi Q2Cb CbPy Cb+perv					BFP	K4	30	0	dk gy-bu	6-	0, 3 loc	2	2 104	0	0.5 104		- K4 alt as above, but dominantly finer with Pl <3mm across. Higher diss Cp then coarser BFP above	477	.299	.10
208.79	211.84		209.10 209.70 211.63		Q2Cp Cb Cb Cb					BFP	K4	30	0 1 loc	dk gy-bu	6-	0-3	2	1.5 104 422	0	0.5 104		- Fgr K4 alt'd BFP as above - 209.10 - 209.70 Dk gy KSi alt'd vfg ZS xenolith.	479	.298	.09
211.84	214.88		212.48		Q2 Bx Cb Q2 Sz Q2Cp	211.63	212.48	Q2 vn Bx	40	BFP	K4	30	0 1 loc	dk gy-bu	6-7	0-3	2-	2 104 106	0	0.5 104		- 211.63 - 212.48 beige, soft Se Cb alt'd ZS fragments up to 5cm across and rare ArSe alt'd BFP frgs, lt gy silica matrix supported. Solid core no evidence of faulting. - From approx 211.00 coarser BFP.	480	.327	.09

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			Visual			Structures				Descriptive													Assays			
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
214.88	217.93		216.15 ArSe/ko/kl 216.65		QzSe PyCp					BFP	KSi2 (ArSe2 Cb2 KL2)	15 to <5 ↓ DH	0/Cb 2	dkgy-gy	7	1/0	1	tr-0.1 102	0	tr-0.1 102	0	M.G. BFP; As above - Fading Potassic Alt'n down-hole, lasting as diss c.g. biot - Poorly mineralized	200481	.115	.40	
			ctc 90°		PyCp QzcbPyCp AsSp QzcbPyCp Qz QzcbPy	216.65 216.76 216.15	216.67 216.94 216.16	Py VN CTC VN VN	90 20°-40° 50°	ZS	Se4 (±Qz)	0	0	pl.grn	3	0	4	2.0 446 442 440 420	0	5.5 446 304 300 4412 420	As 0.5 446 Sp 0.5 446	To f.g. siltstone - Se Alt'n - ZS frags within Qzcb mtx (Vn) - large Py growths rimmed by - gsbcl Alt'n				cc
217.93	220.98		Se+KL 220.08 ArSe 220.76 ChLm		Qz Qz ±Se ±Py ±Cp Vnlts Qz Qz Qz ±Py QzSe Vnlts	218.19 219.42	218.46 219.90	Alt'd Fol / Poss BED Vnlt Fol	10° 50°	ZS	Se4 (ArSe4 Ch4 Lm3) Cb1	0	0/Cb1	pl.grn / lt.yl / dkorn	2/1	0	3	0.3 420 300 102	0	0.3 420 300 102	0	- 218.19 - 218.46m Zone of Alt'n Fol'n or possibly Bedding. Appears like fol'n in thin ZS 'interbanded' with Qtz-Py lam on sub-mm scale - More likely Vnlt micro-fracture filling. 220.76 - 221.04m: Ch4 with Limonite, poss. underground H2O channel BFP: 219.23 - 219.42m: CTC's @ 60°	482	.413	.15	cc
220.98	224.03		221.04 Grad		PyCp QzSe Qz QzCa	—	—	—	—	ZS	KSi3 (QzSe4) [illegible]	35	0	dkgybrn	7	1	1	0.4 106 104 102 420	0	0.3 104 102 420	0	F.g. Siltstone - Potassic-Silicic Alt'n = loc, Vn-related QzSe4 Alt'n	483	.214	.07	k
			222.60 Grad	99°	QzcbPyCp Qzcb Qzcb Qz	—	—	—	—	ZS	Se4+ (+Ar3 DH) Cb2	0	cb 2	lt.yl/gy - lt.yl/grn	1	0	2	< 0.2 102 420	0	< 0.2 102 420	0	F.g. ZS - Se4 Alt'n with additional clay-carb (Ar + Cb) Alt'n towards base				
224.03	227.08		224.24 Ch Grad 225.16		Qz Qz QzSe	—	—	—	—	ZS	K3 (±Si)	35	0	dkgybrn	6+	1	2	0.2 106 104 102	0	0.2 106 104 102	0	F.g. ZS - Potassic (±Si) Alt'n - loc blotchy brn biot.	485	.352	.09	SG
			ctc 32°		Qz Qz Qz QzSi QzSe					BFP	K4 (±Si)	60	0	v.dk.gy / blk	6+	1	1	1.6 104 102 420 200 422	0	0.5 104 102 420	0	M.C. BFP - High biotite; Plag phenos [illegible] 2mm diam and <40% - V. dark (blk) [illegible] ~ 60% + - V f.g. Cp > Py				

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t	
227.08	230.12		+ + + + + + + + + + + +		Qz Qz QzCa Qz Qz QzSe					BFP	K4 (±Si) (QzSe4) v.loc.	60+	0	blk	7-	1	·	1.2 104 102 106 420 200 422	0	0.5 104 106 102 420	nil 0.2 104	M.G. BFP As above - v dark Potassic (±Si) Alt'n - cp > py. (com ? ?) - v. loc., vein related QzSe4 Alt'n (~2%) - loc. brn-red bout, particularly @ b.o.i.	200486	.385	.10	K
230.12	233.17		+ + + + + + + + + + + + + +		Qz Qz QzSe QzSe QzSe QzSe Qz QzSe QzSe QzSe					BFP	K4 (±Si)	60+	0	blk	7-	1	1	"	0	"	"	At above	487	.395	.10	K
233.17	236.22		+ + 233.80 CT<20° 234.90 235.24 235.68 236.18		Qz Qz Qz QzCb QzSe Qz K4 Vnlt Qz QzSe					BFP ZS	" KSi4 (QzSe4)	60+ 60+	0 0	blk dkgy	7- 7	1 <1	1 3	" 0.3 102 420	0 0	" 0.2 102 420	" 0	As above F.G Siltstone - Med - dk gy, Potassic - Silicic alt'n - Difficult inc. likely either KL or QZSE. - Locally Qz - Biot vnlts (blk biotite) - 15% vn-related QzSe4 Alt'n	488	.158	.06	K/a
236.22	239.27		Se Cb		QzCb QzSi QzSe QzSe QzSe QzCa	239.?6	239.27	Blk (±CSH)	-20°	ZS	KSi4 (QzSe4) (Se3) (Cb2)	60+	0/cb	dkgy	7	"	3	"	0	"	·0	As above BFP intervals: KSi4 alt'n = brn-red e.g. ? ? 238.76 - 239.27m: Se ± cb Alt'd zone; blk to CSH	489	.032	.02	K/a

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
239.27	242.32				QzCb Py; Qz; QzSe; QzSe; QzSe ±Bi ±Py Vnlts; QzBi; QzBi					Zs	K4 (±Si) (QzSe4) Se2 -loc-	40 (3)	0	med -dkgy	6-	0/1	3	0.5 104/2 420 200	0	0.4 104/2 420 200	0	F.C. Siltstone; As above. - loc 2ndary e.g. biotite blotches assoc. with some vnlts. - Biot black in color & blotches ~2-3 mm in diam. BFP: 241.45-241.64m @30° to CA	200491	.076	.03	K/a
242.32	245.36				QzCb; QzMo; QzMo; QzCb					Zs	"	40 "	0	"	"	"	"	"	0	"	Mo 0.3 420	As above. // This unit not particularly mag., gen. v. dk gy to loc. purple hue; biot v. fine grained. If good min'n = K4/KH; if poor then QzSE? //	492	.071	.02	K/a
245.36	248.41		248.22		Qz/QzMo; QzMo; Qz; QzCbPy/AS Cp	—	—	—	—	Zs	"	40 "	0	"	"	"	"	0.5 104/2 420 200 106	0	0.6 442 104/2 420 200 106	Mo 0.4 424 420; As 0.3 442	As above	493	.165	.05	Ka
248.41	251.46		249.18 Grad		QzCb; QzSe/QzBi; QzCb; QzSeBi; Qz; QzBi; Bi; Bi; QzBi; QzBi±Cp; Qz; QzCb					Zs / Zs	Se4 Ar4 Cb2 / K3(?) QzSe2 Se4	0 / 40 (?)	Cb 2 / 0	lt.gy / med -dkgy	1 / 5	0 / 0/1 v.loc	3+ / 2	tr 102 420 / 0.2+ 420 102	0 / 0	0.1 102 420 / 0.2+ 420 102	0 / 0	F.C. Siltstone - High Alt'd; Influx of Cb? Se4 (±Ar4), Cb2 / - F.C. Siltstone - Similar dk gy alt'n potentially either potassic (K3) or QzSE. - Mauve hue still present; increasingly sericitic towards E.O.I. - Alt'n inconsistent, generally more adj to BFP dikes. - Se4 Alt'n adj to Vnlts	494	.064	.01	

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
251.46	254.51		252.29		QzCb, QzBi, QzBi, Qz, QzPyCp					ZS	QzSe3 (KSi1(?))	0		med-dk grngy	6	0	2	0.2 102 420	0	0.2 102 420	Po 0.2 420	ZS: Sericite (QzSe) Alt'd, dk. grn gy alt'n ≈ loc Bi Vnlts - Poss background KSi1	200495	.169	.04
			CTC 60° 253.33		QzPyCp, QzPyCp					BFP	KSi3	35	0	dk gybrn	7	1	1	0.4 104 106 420	0	0.3 104 106 420	0	BFP: Dark gy, potassic - Silicic (KSi) Alt'd			
			CTC 20°		QzBi, Qz, Qz (QzSe Vnlts)					ZS	QzSe3 ≈ (KSi3?)	0/20	0	dk gy (≈ loc grn tint)	7-	1	1	0.2 102 420	0	0.2 102 420	0	F.C. Siltstone - Qz-Sericite Alt'd with pot. KSi3 Alt'd relict cores.			
254.51	257.56				Qz Mo, Qz, QzCb, Qz, Qz Bi, QzBi, QzCb					ZS	"	"	0	" (loc. brn bio)	7-	1 loc	1	"	0	"	As 0.2 102	- local secondary biotite assoc. ≈ BFP d'kes or along vnlts. KSi3 likely not principal alt'n, rather QzSe3 (for sections) though difficult to determine - Some ultra-mafic looking, & magnetic (white serp. along vnlts/m) BFP: 255.07-255.38m KSi3 Alt'd - Best alt'd	497	.267	.06
257.56	260.60		CTC's @ 20°		QzBi, Qz, QzSe, QzCbPy, QzCb, Qz, QzSePy, QzSePy					ZS	"	"	0	dkgy / ≈ grn adj to vnlts, Brn BFP	7-	1 loc	1	0.4 106 104 102 420	0	0.4 106 104 102 420	0	As above - Not so much mauve as dk.grn background alt'n, have seen adj to Se Alt'd vnlts BFP: 257.88-257.98m, 259.37-259.67m, 260.46-260.81m KSi3 + Alt'd	498	.239	.06
260.60	263.65		262.32 KSi		QzPyCp, QzSePy Cp, Qz, Qz, QzCb, BiQz, Qz, BiQz, BiQz, QzMo					ZS	"	" / 30° (in alt'd zone)	Cb 1 loc	"	7-	"	1	"	0	"	Mo 0.2 422	As above 262.32-263.97m: Brown tint, likely biot. likely KSi3 Alt'n, not seen elsewhere BFP: 263.03-263.10m, 263.46-263.97m KSi3 + Alt'd	499	.190	.07

Qz
K
Qz

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
263.65	266.70				QzBi; QzPyCp; QzCb; Qzcb; Qzcb; Qz Py Po					ZS	QzSe3 / KSi3	0/30 v.f.g	0/cb 1	dkgy	7-	1+	2+	0.3 106 104 -BFP 102 420	0	0.3 106 104 -BFP 102 420	Po 0.2 420	F.G. Siltstone - Dk. gy (~blk) QzSe3 (KSi3) Alt'd - Se-Cb alt'n adj. to Qz/Qzcb Vnlts. - loc. Po (mag.?) - ZS poorly min'd; best Min'n in or adj. to BFP.	200500	.148	.04
266.70	269.75		Zcb3; 267.84		QzPoCp; QzPyPoCp; QzCb; Qz; Qz; Qz					ZS	"	"	0/cb 3 -loc-	dkgy (loc. "milky" blue-gy)	7	1+	2+	"	0	"	"	As above - loc. "Milky" Blue-gy resembles V/m; starts @ 267.84m (with Po) = Hornfelsed ★ - Poss Opaline Qtz; lt.gy OSF/FF. BFP: 269.42-269.56m + 269.75-270.41m } KSi3 min'd	501	.250	.06
269.75	272.80		272.47 ctc 60°		Qz; Qz; QzPy; QzSe; QzSe Py; Bxpcbz	271.88	272.47	SHR ZS	50°	ZS	"	"	0/cb 1	"	"	"	2	"	0	"	Po 0.2+ 104 420	As above. 271.88-272.47: 'SHR' ZS: CSH to CCE 1-2m fract's. MFDY: Ar + Cb Alt'd	503	.216	.06
272.80	275.84		273.90 ctc 20°		Qzcb; Cb; Qz	273.13?	273.13?	SHR VN	50°	MFDY	Ar3 Cb3	0	cb 3	Beige (ylbrn)	4-	0	1	tr 420 104 300	0	tr 420 104 300	0	- Sub-roundal plag. ~5% gen 1-3mm diam. - "grainy" texture; poorly min'd gm, some min'd veinlets	504	.208	.04
					QzPyCp; QzSe; Qz					ZS	QzSe3 (KSi3)	0/30	0/cb1	lt gy (milky grey)	6	1-2	1	0.2 106 420 [illegible]	0	0.2 104 420	Po 0.4+ 104 106	F.G. Siltstone - Dark gray to milky gy-white, QzSe3 (KSi3?) Alt'd. Gen. sparsely min'd, though minor Po loc.			

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-67

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
275.84	278.89				Qz Qz Qz Hi vn: Qz/Cc Py Cp Qzcb					ZS	QzSe3 (KSi3 ?)	?/30 ?	0/cb 1 -loc-	Dk.gy w (milky gy)	6	1-2	3	0.4 422 106 104 420	0	0.4 422 106 104 420	Po 1.0 104 106	F.G. Siltstone - As above - High Vn'age zn: 277.88-278.50m - Opaline qtz fract filling C.C.(?): 278.68-279.17m - QzSe3 + Po (106-104) - v. well min'd w Po	200505	.213	.03
278.89	281.94		279.19		Qzcb Qzcb					SS/ZS	QzSe3	0		gy -y'gy	6	1-2	1	0.3 104 102 420	0	0.3 104 102 420	Po 0.4 104 102	M.G. Sandstone & ZS - similar to above & below ZS, though = coarser grains - QzSe Alt'd	506	.091	.01
			280.64		Qzcb Bi Qzcb Bi Qz					ZS	QzSe3 (KSi3)	?/30 ?	0/cb 1 -loc	Dk gy (w m gy)	6	1-2	1	0.3 104 102 420	0	0.3 102 420	Po 0.3 104	F.G. Siltstone			
E.O.H.																									

Pacific Booker Minerals Inc.
Morrison Project

Hole ID: MO-02-68	Nominal Collar Coordinates: 670 785 E ; 6119240N		Hole Type: NQ
Date Started (drilling, logging): Apr 21 / Apr 22, 2002	Surveyed Collar Coordinates: 670 755.72E ; 6119250N.89 Z = 805.12		Material left down hole: casing 10ft
Date Completed (drilling, logging): Apr 22/Apr 23, 2002	Depth: surface Depth: 21.34 Depth: 76.20 Depth: 135.34 Depth:		Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 272 Azimuth: 273 Azimuth: 275 Azimuth: — Azimuth:		Top of bedrock: 16.45 m
Geologists: K. Lesnikov / D. Hladky	Dip: -60 Dip: -59.5 Dip: -59.5 Dip: — Dip:		Purpose of Hole: grid drilling
Section: 9240N Map Reference: 3623-3	Survey Method: Sperry-Sun		

			Visual				Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT		VEINS		From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0.00	3.05																										
3.05	6.10		O.B.																						-0.00-3.05 casing, no core -3.05-12.19 Overburden: subangular to subrounded ZS, conglomerate, grey black mudstone pebbles <5cm across. Approx 1.5m			
6.10	9.14																								of core recovered, Rec<15%. - soil washed away - NO SAMPLES			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
9.14	12.19									OBD															
12.19	15.24									NOR												-12.19 - 16.45 No recovery			
15.24	16.45									NOR															
16.45	18.29		16.45 – 17.90 RUBBLE		Q2Cb, Cb					ZS	K3 Q2Se3	5	0	dk gy-black, drab Ls	6	2-3	4	0.5 442	0	0.5 442		-16.45 - 17.90 Dk gy-black K-alt'd vfg ZS. Drab Q2Se around veins/fres ~30% voc	200567	.164	.03
																						-17.90 - 20.00 Mgr to cgr			
18.29	21.34		20.00	GGE	Cb(Q2)Py, Q2(Cb)Py, Q2FBx Cb Py Cp	20.45	20.45	Cb Q2 Py Ho Cp vn/ SHR	50	BFP	K3	20	0	dk gy	6	2-3	2	<0.5 104	0	1.5 104 200		BFP as PL pheno's 3-5 mm max 10 mm. Black Bi pheno's up to 3 mm ~10%., fgr ground-mass Bi ~10%.	508	.297	.07
						20.90	21.13	FLT FVN	FC GGE		Ar Se4 + Cb 2+	0	0-1	buff	4	0	2	<0.5 104	0	2 104 462 300		-Buff mod hard clay-carb alt'd mgr BFP. White KC alt'd PL pheno's, Cream Cb Se alt'd Bi			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bi (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
21.34	24.38				Q2CbPy; Q2ScPy SHR	22.05	22.35	FLT FRX GGE	30	BFP	ArSch + Cb3	0	1-2	buff-beige, gu brec	2-3	0	2	0.5 104	6	2 104 106 302		- Mgr to cgr BFP. Bridge-gu KF alt'd Pl phenos up to 10 mm across. Lt bu Cb? Fc alt'd Bi. - Loc tectonized FLT-Bx, crushed BFP at 22.05-22.35. - diss Py ≫ diss Cp	200509	.270	.25
24.38	27.43				Q2CbPy; Cb; Q2(Cb)Py; Cb Bx	Sc/SHR				BFP	ArSch + Cb3, Sil2 loc	0	1	buff-gy	3-5	0	2	0.7 104 442	0	2 104 442		- As above - Lower half of the interval harder, silicif'd and w white KF4 alt'd Pl phenos	510	.306	.10
27.43	30.48			GGE GGE	Q2Py; Q2Sc/SHR; Q2Mo; Q2Py	28.10 29.00	28.25 29.70	SHR GGE/BLK	15 20°	BFP	ArSch + Cb3	0	1-2	buff-gy	2-3	0	2	1+ 104 422	0	2- 104	Mo Tr 420	- As above. Str clay-carb alt'd cgr BFP. - 29.00-29.70 Tectonized, gouged and blocky BFP.	512	.406	.10
30.45	33.53				Q2Sc/SHR; Q2Cp	33.30	39.50	BLK		BFP	ArSch + Cb3, Sil2	0	1-2	buff-gy	3	0	2	1.5 104 422	0	2 104	Mo <0.5 104	- As above	513	.359	.08

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-68

Visual					Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
33.53	36.58				Qz I Py ± Cp vnlts					BFP	Ar Se4 + Cb3	0	1	buff-gy	3⁻	0	1	1.2 104	0	1.5 104 200		- As above, blocky core. - Poor rec, approx 50%.	200514	.344	.06
36.58	39.62				Se SHR Qz Py Qz Py Se SHR Qz Cp Qz Cp Py					BFP	Ar Se4 + Cb3	0	1	buff-gy	3⁻	0	1	1.2 104 420	0	1.5 104 200		- As above: buff clay-carb alt'd cgr BFP. white Ke alt'd Pl phenos. - Mostly blocky core.	515	.170	.03
39.62	42.67				Py ± Cb Qz vnlts Cb ± Py	41.45 42.55	48.30	BLK		BFP	Ar Se4 + Cb3	0	2⁻	buff-gy	2	0	2⁺	<1 104	0	2 104 440 300	Mo Tr	- As above - 41.45 - 42.55 drab, mod hard Se-alt'd massive vfg ZS - Poor rec at EOI.	516	.220	.06
42.67	45.72				Cb Qz Se Cb Py Se Py Qz Qz Se Py Qz Se Py					BFP	Ar Se4 + Cb3	0	2	buff-gy	2	0	2⁺	1.5 104	0	1.5 104 420		- As above - Blocky core. - Several black Qz Se Py vns/ SHR planes.	518	.648	.16

Pacific Booker Minerals Inc.
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Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
45.72	48.77				Q2Py±Cp; Py vnlts; Q2(Py)Cb	48.30	48.45	FBX/ CbQ2Py	20 vn/SHR	BFP	ArSc4 + Cb3	0	2	buff-gy	2	0	2+	<1 104	0	2 104 422 442 300		- As above - blocky core - 48.30-48.45 tectonized/shrd black silica vein and minor massive Py fragments + Carb cement.	200519	.322	.09
48.77	51.82		49.05; SHR-CTC 30		Py; Sc SHR; Py; Cb; Sc SHR; Py(Cp?)					SS	Si5	0	0	lt gy	7	0	3	0.5-1 104 460	0	2 104 300		- Lt gy, very hard, int silic SS. Grain size 0.5-1mm. Composed of interlocked xenomorph Q2 and white Pl? crystals Possible Si5 alt'd BFP, but same as cgr Si5 SS in FLTs. - Gradual transition to ZS below	520	.265	.07
51.82	54.86		52.10		Sil Sc SHR; Sc SHR	52.60	52.70	SHR	20-30	FLT ZS	Sc4 Si3 Cb2	0	1?	lt drab-gy	4-5	0	3	0.6 422 104	0	1 104 300		- 52.10-55.10 lt drab-gy, mod hard, vfg (loc coarser <0.1mm) ZS. Cgr SS loc (<10%) - Broken, blocky core. Irreg SHR loc. - 55.10-55.30 ArSc BFP band 10-20° TCA.	521	.410	.11
54.86	57.91		55.30; CTC 20		Sc SHR	55.30	58.80	FBX		FBX	Si3+ Cb3?	0	0-1	lt gy-beige	4-6	0	N/A	<0.5 104	0	2 304 frags 104		- 55.30-58.60 Fault breccia: subangular black silica frgs up to 2cm approx 20%, buff ArSc alt'd BFP frgs (up to 5cm 10-20%), supported by gy Sil-Carb matrix - Rare massive Py frags (<2cm, <5% vol) - Tr diss Cp in BFP frgs.	522	.154	.09

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-68

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
57.91	60.96		58.80 60.80							FBX UNK		as		per	above.							-57.91-58.60 as above: gy sil carb matrix supported FLT-Bx -58.60-58.80 beige clay-carb matrix 30% vol -58.80-60.80 no recovery	200524	.170	.08
60.96	64.01		62.50			60.80	62.50	FBK		FLT-GGE	Ar5	0	0	beige	1	0	N/A	0	0	1 304 frgs		-60.80-62.50 Clay supported fault breccia. Q2vn and BFP frgs <1cm across, approx 30% vol. -Good rec 1.5/2.7 = %	525	.318	.36
			CTC 20		Q2Py CbPySp Se SHR	63.25	63.40	QzPy Spvn/SHR	~15	SHR BFP	ArSc4 + Cb3	0	2	buff-gy	2	0	3	0.5-1 104 424	0	3 104 466	Sp 1 466	-From 62.50 downhole Sheared clay-carb alt'd mgr BFP. Se SHR planes usually with slicks generally subparallel TCA (<20°)			
64.01	67.06		65.20 alt chng		Se SHR Q2Cp Q2PyAsCp Py As-blQz PyAs	65.20	67.50	PyAs Q2vn	0	SHR BFP	as SeAr3 + Si2	per 0	above. 1	bu-buff brassy	3 5 loc (Py)	[illegible]	3-5	2- 306	0	25 306 106	As 8 306	-65.20-67.50 bu-gy-buff Se>Ar alt'd mgr BFP, gy Se(wk Kl) Pl phenos. Weakly silicif'd PyAsCp vein/stringer parallel TCA. Loc SHR black silica vein	526	.727	3.49
67.06	70.10		~~6~~69.90 alt chnge		SHR Q2Py SHR Py SeSHR SeSHR	67.50	79.90	SHR	5-10	SHR BFP	SeAr3 + Si3 loc	0	1?	bu-buff	2-3	0	4	<0.5 104	0	5 424 104	As 1 424	-BFP as above. -System of subparallel Se±Q2Py planes generally 5-10° TCA Some convoluted Se-SHR.	527	.237	.76

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
70.10	73.15				Se Py blQ2 SeSHR AsPy blQ2 AsPy blQ2	71.80	72.30	PyAs Q2	0	SHR-BFP	ArSe4 + Cb3, SeAr4 loc. Si2 loc	0	2	buff-gy	2-4	0	4	0.5 104	0	6 304	As 3 304	- Dominantly buff ArSe + Cb alt, gy scAr alt loc. - Loc wk silicif'd - Irregular PyAs stringers up to ~2 cm wide parallel TCA - Irregular black silica-Se vnlts/SHR	200529	.202	1.23
73.15	76.20		73.30 74.80 CTC <5°	30°	Q2 Cb Py FVN SeSHR SeSHR	73.30 7480	74.80 77.10	FVH SHR	<10 5	FVH SHR BFP	Si 4 Cb 3 ArSe4 +	0 0	0 0	black gray beige buff	7-4 3	0 0	5 3-4	1 108 (448) Tr	0 0	10 108 (448) 3		- 73.30 - 7480 Black silica ± Py frgs (~30%) + gy silica + beige carbonate (20%) - ArSe alt'd BFP frgs <10%.. SHR not faulted. - 74.80 - 77.10 buff clay-carbonate altered mgr BFP. KF alt'd PL. - Several Se SHR planes generally 5° TCA.	530	.222	.42
76.20	79.25		77.10		SeSHR SHR Cb					BFP	Cb 3 ArSe5 + Cb 3	0	2⁻	buff-yl (beige)	2	0	1	426 0	0	104 2 104		- Tr Cp in black silica vns - Buff-yl, very soft, wk calc. int clay-carbonate alt'd BFP. White-yl clay alt'd Pl phenos, buff-yl clay in groundmass.	531	.116	.07
79.25	82.30				Se Py					BFP	ArSe5 + Cb 3	0	2⁻	buff-yl (beige)	2	0	1	0	0	2.5 104		- As above. - Higl diss Py, mostly fresh	532	.100	.06

Hole: MO-02-68

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bi (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour	Descriptive: Hard 1-10	Descriptive: Mag 1-5	Descriptive: Vnlts 1-5	Descriptive: Cp %	Descriptive: Bn %	Descriptive: Py %	Descriptive: Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
82.30	85.34				Se SHR Se SHR Op Bx	82.55	82.81	CSH		BFP	Ar Se 4 + Cb 3	0	1	buff-yl	3	0	1	<0.5 104	0	2 104		- As above - Wk shr in lower half of the interval. - Tr diss Cp at EOI	200534	.143	.09
85.34	88.39				Se SHR Cb Qz Cb Py Se SHR Se SHR	85.80	87.00	SHR	30	BFP	Ar Se 4 + Cb 3	0	1-2	buff-gy	3	0	3⁻	0.5 104 424	0	<1 104		- As above - Lower Py than above, some Cp in black Qz vn and diss Cp at EOI - Abundant fgr opaques, poss tarnished Py/Cp?	535	.480	.96
88.39	91.44				Cp Qz Se SHR Qz Cp					BFP	Ar Se 4 + Cb 3	0	1-2	buff-gy	2-3	0	3⁻	1 104 422	0	1.5 104 300		- As above	536	.350	.28
91.44	94.49		93.68		Cb Qz Sp Py Cb Qz Sp Py Cb Qz as Qz Qz Cb Qz Se	91.42 92.31	91.73 92.50	FLT VN FLT VN	40° 40°	BFP	Ar Se 4 Cb 3 Kl 3 + Se 3	0	Cb 3	ylgy to ylgy ü pl.grn	4/2	0	4+	1.5 446 108 420 440	0	2.5 446 102 300 420 440	Sp 4.0 446	- As above - Kl + Se alt'd plag. phenos. - Additional Se alt'n below 92.50m. - FLT-VN's with lithic frags (BFP) in Cb + Sulphide mineralization	537	.209	.15
										NR	As above ?											No recovery, likely as above			

Pacific Booker Minerals Inc.
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Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
94.49	97.54		+ ?+Si		Qzcb, Qz Py, Qz Py, Qz Py Cp, Qzcb, Qz Cf, Qzcb, Qz ±Cf±Py Cp					BFP	ArSe4 Cb3 KL3 + Se3 (±Si)	0	cb 3	lt.grn-gy	3/5	0	2	0.5 420 422 102 440	0	0.5 420 422 102 440	0	M.G. BFP As above Increasingly siliceous d-h; greatest below 96.20m	200538	.243	.17
97.54	100.58		97.80		"	97.54	103.72	BLK(CSH)	IR	BFP	"	0	"	"	5	0	?	"	0	"	0		540	.253	.20
			98.80		Qzcb ±Cf ±Py Cp; Qz Cf ±Py	97.80 97.59	97.85 97.61	SHR VN SHR VN	20° 40°	SHR-BFP	ArSe4 Cb3 +Si +KL3	0	cb 3	med grngy	5+	0	5	1.0 102 426 420	0	1.0 102 426 420	0	M.G. SHR BFP - Highly Alt'd, Fol'd & Silicified SHR/FLT VN of Qz+Cf with loc. BFP frags.			
					?	98.10	100.75	FLT VN	? BLK/NR	NR												No recovery, presumed as above			
100.58	103.63		100.95		Qz Cf Py ±Cp; Qzcb						ArSe4 Cb3 KL3 +Si	0	cb 3	med grngy	5+	0	5	1.0 304 426/102	0	3.0 304 406	0	M C SHR BFP - As previous. - Pebble of Mass. Sulph. Py+Cp+Qz	541	.140	.19
								Blk-CSH ?		N/R												No recovery - Presumed SHR-BFP w Blk to CSH FLT/SHR VN			
103.63	106.68		105.58		Qzcb, Cb Qz ±Cf Py Cp, Cb, Qz Cf, Qzcb	103.72 104.00 105.42	103.95 105.58 —	FLT VN BLK SLK	30° IR 10°	SHR-BFP	ArSe3 Cb3 KL3 + Si3 + Ch3 ±Se3	0	cb 3	med grngy	4	0	3	0.5+ 426 102	0	0.6+ 426 102	0	Shear BFP - Blk's loc. Fol'd - Increasingly [illegible]	542	.443	.45
					Qz, Qzcb, Qz [illegible], Qz Cf	106.60	106.71	SHR VN	30°	BFP	ArSe3 Cb3 KL3 + Ch3 ±Se3	0	"	"	3	0	1	0.4 104 300 420 102	0	0.3 104 300 420 102	0	M C BFP [illegible]			

Pacific Booker Minerals Inc.
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Hole: MO-02-68

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
106.68	109.73		106.99 less ch → KL 107.96		Qz, Qz, QzCP, Qzcb, QzPy, Qz, Qz, Qz, Qz, Qz					BFP	ArSe3 Cb3 KL3 Ch3 ± Se3 (±Si)	0	cb 3	grn-grnsy	3	0	1	0.4 104 300 420 102	0	0.3 104 300 420 102	0	M.G BFP - ArSe - Cb - KL + Ch Alt'n - 106.99-107.96m white KL Alt'd Plag. phenos otherwise pl grn (Se) to grn (Ch) - chlorite often along fract. surfaces - Remaining intervals more or less [illegible]	200543	.358	.30
109.73	112.78				Qz, Qz, Qz, Qz, Qz, Qz, QzCpPyCh, Qzcb, Qz, Qzcb					BFP	ArSe3 Cb3 KL3 + Ch3 ± Se3	0	cb 3	"	"	0	2	0.5 422 104 300 420 102	0	0.4 422 104 300 420 102	0	M G BFP; As above	544	.435	.32
112.78	115.82		115.01 High cb		Qzcb, QzCpPyCp, Qz, Qz, Cb, cb, QzPyCp, QzCpPy	113.19 115.01	113.20 115.71	SHR/SHR VN cb VN	45° 10	BFP (SHR)	" / cb4' local	0	cb 3 / cb 4+	lt-grnsy / yl	3-2	0	4	0.5 422 420 104 300 102	0	0.5 422 420 300 104 102	0	As above 115.01-116.28 - V. high % cb ~cb Vn - yl color; [illegible] - [illegible] dom. // to CA	546	.209	.13
115.82	118.87		116.28		QzCpPyCp, Qzcb, QzPyCp, QzPyCp, Qz, Qzcb, Qzcb, Qz	116.28 116.76	116.29 116.79	Qz VN Qz/SHR VN	60° 45°	BFP (SHR)	"	0	cb 3	lt-grnsy	3-2	0	2	"	0	"	0	As above - least [illegible]	547	.486	.31

Pacific Booker Minerals Inc.
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Hole: MO-02-68

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
118.87	121.92		121.51		QzPyCp; QzPyCp; Qzcb; Qzcb ch; SLK; QzcbCf/Cp	119.94 120.35 120.90	119.95 – 120.95	SHR VN SLK SHR VN	10° 10° 25°	BFP (SHR)	ArSe3 cb3 KL3 + Si3 + Ch3	0	cb 3	grngy	4-	0	1	0.3+ 422 420 102 104	0	0.4+ 422 420 102 104	0	BFP - Intense ArSe + Cb + KL alt'n as above, with addition of chlorite, variably silicified	200548	.673	.55
			30°		Qz; Qzcb	121.51	126.10	SHR	20-30°	SHR BFP	"	0										SHR-BFP			
121.92	124.97				QzCf ±PyCp; Qzcb; QzCfPy; QzCfPyCp; Cb	124.00	124.03	SHR VN	50°	SHR BFP	"	0	cb3	grngy	4-	0	2	"	0	"	0	- Relatively greater textural destruction and development of shear foliation/fabric. (Rough)	549	.288	.22
124.97	128.02		126.10		QzCf; Qzcb; Qzcl	125.11	125.12	SHR VN	40°	SHR BFP	"	0	"	"	4-	"	2	"	0	"	0	As above	550	.106	.06
			10°		CbSp; CbSp; CbSp	126.25	127.30	BLK	IR	SHR BFP	cb4 ArSe3 (±KL3) + Si3	0	cb 4	y/gy	4	"	2	0.3+ 102 420	0	0.3+ 102 420	Sp 1.5 462 464	Primarily Carbonate Alt'n SHR-BFP. 90% cb ± Qz. Grainy text - Large cb-vein?			
128.02	131.06		129.66							N/R	"											Poor Recovery; Presumed as above.	552	.386	.21
			130.30		Qz ±cb ±Cf Vnlts; QzCf; Qzcb	129.60 130.10	130.10 130.30	SHR VN SHR VN	20° 20°	SHR BFP	ArSe3 cb3 KL3 + Si	0	cb 3	y/gy / blk	6	0	5	0.6 428 102	0	0.6 429 102	0	SHR - BFP 129.60 - 130.10 m: SHR (FLT) VN Qz Cf (± <1cm diam BFP frags)			
					Qzcb; Qz; Cb					BFP	ArSe3 cb3 KL3	0	cb 3	y/gy ±[illegible]	4-	0	1	0.3 [illegible]	0	0.3 [illegible]	0	M.L. BFP - Relatively un-tectonized (sheared) BFP → As below			

Hole: MO-02-68

Pacific Booker Minerals Inc.
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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY		FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
131.06	134.11					Qz Qz-cb Qz-cb Qz-Py-cp Qz					BFP	$ArSc_3$ Cb_3 Kl_3 $\pm Ch_3$	0	Cb 3	ylgy	3	0	2	0.3 102 420 440	0	0.3 102 420 440	0	M.G. BFP - Highly alt'd $ArSc - Cb \pm Kl \pm Si$	200553	.548	.25
				133.65 30°		Qz-Cb $\pm$ Py-cp	133.65	EOH	SHR Fol	30°-50° Ag 4N									0.4		1.0		SHR - BFP			
134.11	135.34					" Qz-cb-Py Qz					SHR -BFP	$ArSc_3$ Cb_3 Kl_3 $\pm Si$	0	Cb 3	ylgy	6-	0	4	422 420 102	0	422 420 102	0	- As above, with SHR - fabric $\pm$ Qz-cb Vnlts; silicified - $ArSc - Cb + Kl$ (rock)	554	.552	.23
EOH				135.34 444 ft.																			EOH			

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Morrison Project

Hole ID: MO-02-69	Nominal Collar Coordinates: ~ 670770E, 6119300N	Hole Type: HQ 0.00-27.00; NQ 27.00-164.30m
Date Started (drilling, logging): Apr 22 / May 09, 2002	Surveyed Collar Coordinates:	Material left down hole: HT casing
Date Completed (drilling, logging): May 12/02; May 12/02	Depth: surface · Depth: 45m · Depth: 100m · Depth: 210.31m · Depth: 301.75	Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 270° · Azimuth: 270° · Azimuth: 267° · Azimuth: 272° · Azimuth: 269°	Top of bedrock: 24.30 m
Geologists: K. Lesnikov / D. Hladky	Dip: -60° · Dip: -58° · Dip: -58° · Dip: -57° · Dip: -57°	Purpose of Hole: grid infill
Section: 9300N Map Reference: 3690-5	Survey Method: Sperry-Sun	

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
[illegible]	24.30		24.30							OBD												-0.00-3.05 HT casing, no core -3.05-20.42 AND + SS pebbles & cobbles up to 10cm across. REC≈10%, soil matrix washed away -20.45-24.30 Caved material mixed with OBD pebbles. At 50' rods pulled out and approx 20 ft of OBD caved.	NO SAMPLES.		
24.30	27.43			BLK	PyCp, Py:Cb					ARG	hornfl (Sil)	0	0-1	lt gy	3-	0	3	Tr 302	0	2.5 300 302 462		-Soft, noncalc to vwk calc, nonmagn lt gray vfg massive argillite. -Abundant Py in vns and vnlts → Py halo. -Rec = 50%, BLK/CSH core intervals at beggining and EOI. Only 50cm of solid core.	200555	.200	0.21
27.43	30.48			BLK	PyCb, CbPy					ARG	hornfl (Sil)	0	0	lt gy	3-	0	3	0	0	2.5 300 302 462		-Py halo ARG, same as above. -REC ≈ 50%. BLK/redrilled down to 29.90 -Reduced to NQ at ~27.00	556	.026	<.01

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-69

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
30.48	33.53			BLK CSH / CSH	Py+Cb vnlts					ARG	hornf l Se 3 Si 1	0	0	lt gy	2	0	2-3	0	0	2 300 302		- As above - Rec ≈ 50%	200557	.043	.01
33.53	36.58			BLK / CSH BLK	Py+Cb					ARG	hornf l Se 3 Si 1	0	0	lt gy	2	0	3	0	0	2 300 302		- As above - Rec ≈ 60%	558	.021	<.01
36.58	39.62		37.70 RUB BCE		Py Py Py Py Qz					ARG			as	per	above.							- As above - Rec ≈ 30%	560	.098	.03
										BFP	Ar 5	0	0-1	lt gy, white	1	0	1	0	0	3 10C		- Very soft, int Ar-alt mgr BFP White KC alt'd Pl phenos, lt gy Ar Se alt'd Bi and groundmass.			
39.62	42.67				Py Cb Py					BFP	Ar 5	C, 5 10C	0	lt gy white	1	0	1	0	0	3 10C		- As above - 10C fresh black Bi flakes ~ 5% vol. - mgr diss Py only.	561	.102	.04

Pacific Booker Minerals Inc.
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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
42.67	45.72				Lm	45.37	45.72	BLK	IR	BFP	ArSe3 KL4 Cb2 Ch1 -loc- K1 -loc-	0/25 loc	cb 1	H.yl/gn	<2	0	1	tr	0	0.5 104 102	0	M.G. BFP · Py-Halo (Ed E-Fault) · Clay-Carb (ArSe + KL + Cb) Alt'd - Ch alt'n loc. along fracts. - loc. diss. c.g. (1.2mm) biot. (original?)	200562	.080	.03
45.72	48.77		46.78 Grad		Py Py Py ch Qz QzPyCp					BFP BFP	ArSe3 KL4 Cb1 (Ch$_2$ loc) SeAr3 K2	0 10	cb 1 –	H.yl (beige) Med gy w pl. grn tint	" 3	" 0	" 1	" 0.1 420 102	" 0	" 1.0 104 106 420	" 0	As above M.G. BFP - Sericitic rather than argillic alt'd plag phenos (pale grn) - 10% diss c.g. biot (gen 1mm diam) - Py Halo	563	.179	.09
48.77	51.82		50.0 Se1 K2 51.43		Qzcb QzSePy					BFP	"	" /20	"	"	"	"	"	tr-0.1 102	0	1.5 106 104 422	0	As above - 50.0 - 51.43m; darker grey, less Se (Ar) and slightly greater Qz. Biot. up to 20%	564	.083	.02
51.82	54.86		52.90 Grad 54.86	gge	QzSe Py Qz CbPy	52.75 54.75	– 72.65	SLK BLK	35°/120° IR	BFP	" ArSe3 Cb3 KL3	" 0	" cb 3	" Beige (H.brn)	2/3 <3	" 0	" 1	" tr 102	0 0	" 0.5 104 102 420 460	0 0	As above M.C. BFP - Clay-Carb Alt'n (ArSe + cb + KL) - Incr. Cb-alt'n rel. to prev. CC alt'd zone	566	.054	<.01

CTC IR

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Morrison Project

Hole: MO-02-69

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
54.86	57.91				Qz Sc Py Qz Py Py Qz Sc Py					ARG	Se3	0	0	gybrn	4	0	1	tr 420	0	0.0 300 200 102 420	0	Poor Rec.	200567	.028	<.01
57.91	60.96				Qz Sc Py Qz Py					ARG	Se3	0	0	gybrn	4	0	1	tr 420	0	0.3 420 300 200 102	0	As above - Highly fractured blocky Poor Rec.	568	.037	.02
60.96	64.01				Qz Sc Py					ARG	Se3	0	0	sybrn	4	0	1	tr 420	0	11	0	As above Poor Rec.	569	.020	<.01
64.01	67.06				Qz Py Mag Qz Sc Py Qz Qz Py Qz Py					ARG	Se3	0	0	gybrn	4	0	1	0.1 422	0	0.3 422 420 300 200 102	No 0.2 422	As above - Highly fractured Poor Rec	570	.033	.02

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Morrison Project

Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY		FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
						QzSePy qzSe																	Mudstone; as above			
				68.0																						
67.06	70.10						68.0	70.10	NOR		NOR (ARG?)												No Recovery	200572	.029	.01
70.10	73.15			ctc ?							BFP (+ARG)	ARSE$_2$ KL$_3$ Cb$_1$ (Se$_3$ ARG)	0	Cb 1	gy/gybrn	4-	0	1	0.2+ 104 102	0	0.8 302 420 104 102	0	M.G BFP - Inferred BFP ctc; near beginning of fault zone. - Highly Alt'd; Clay-Carb with variable Si. - Se Alt'd Arg	573	.080	.03
				73.65																						
				ctc ?																			START FAULT ZONE			
73.15	76.20			75.67			73.15	73.80	BLK	IR	FBX (ARG)	Se$_3$ Si$_3$	0	0	gy(brn)	6	0	—	0.2+ 102 104	0	0.6 104 102 300	0	Fault Breccia - ARG - Argillite/Mudstone brecciated and cemented by grey Qtz/carb - Frags generally < 1cm diam - loc. dark-grey/blk, qtz-Py frags + Un. material.	574	.204	.09
							76.10	79.05	BLK	IR													Fault Breccia - BFP			
76.20	79.25						79.05	79.25	FLT GGE	? Lost	FBX (BFP)	ARSE$_2$ KL$_2$ Cb$_1$ (Si$_1$ Se)	0	Cb 1	ltgy	4	0	—	0.2+ 102 104	0	0.6 104 102 300	0	- Shift to BFP, irregular ctc; clay-(carb) Alt'd frags cemented by gy qtz - V. poor recovery. Bx + qaz likely much thicker.	575	.230	.19

SG

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Hole: MO-02-69

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
79.25	82.30				QzPy; QzPy	79.25	82.30	BLK	IR	FBX BFP	ArSe2 KL2 cb1 Si2	0	cb 1	ylgy	6	0	1	0.2+ 102 422	0	0.5 422 420 300 102 104	0	Fault Breccia - BFP - Frags of clay (±carb ±si) alt'd BFP cemented by gy-brn Qtz - V. poor recovery - Dirty/gritty Qtz mtx. - 60% of core @ ROI	200577	.097	.05
82.30	85.34		82.95		QzCg					"												"	578	.190	.11
			CTC 10°		QzCgPy Cp; QzCg	82.95	83.35	SHR VN	10°	(FLT) SHR BFP	ArSe3 cb2 KL3	0	cb2	ylgy	3	0	1	0.2+ 420 420 102	0	0.6 422 420 300 102 104	0	(Fault) SHEAR - BFP - Freq. graphitic Qtz vnlts - BFP not "uniform" appearing, ie sheared.			
						83.80	85.50	BLK	?																
			85.10 LOST			85.10	86.22	FBX		FBX	ArSe3 cb2	0	cb 2	ylgy	5	0	1	0.2 420 102	0	0.5 420 102	0	Fault Breccia BFP - BFP frags in Qtz+gt. mtx.			
85.34	88.39		86.22		QzCg	86.10	86.13	FLT VN	30°	BFP	KL3												579	.207	.08
			LOST		QzCgPy; QzCgPy					SHR BFP	ArSe3 cb2 KL3	0	cb2	ylgy	3	0	1	"	0	"	0	(Fault) SHEAR BFP - a/a previous			
			87.72			87.45	87.70	BLK/CSH	?																
					Qz Py Cp; Py	87.73	87.75	VN	25°	BFP								0.2 422 104	0	0.7 420 104	0	M.G. BFP			
88.39	91.44				QzPyCp; Qz ±Py Cp; Qz; Qz; Qz; QzPyCp	90.70	90.90	SHR BFP	20°	BFP	ArSe3 cb2 KL3	0	cb 2	ylgy	3+	0	1	0.2+ 420 104 422 102	0	0.8 420 104 422 102	0	- Highly alt'd (ArSe + KL + Cb) though relatively untectonized - Loc. SHR-BFP	580	.282	.12

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
91.44	94.49		94.36		Qz Py ±Cp; Qz Cl; Qz; Qz cb; Qz ±Cb ±Py; Qz Cl Py; Qz Py; Qz ±Py	91.45	91.76	SHR BFP	20°	BFP	ArSe 3, cb 2, KL 3 (±Si)	0	cb 2	y'gy	3+	0	2	0.3 422 420 102 104	0	0.7 422 420 104 102	0	As above	200582	.258	.13
			30°		Qz Cl Py	94.36	94.40	SHR VN	30°													As below			
94.49	97.54		96.80		Qz ±Cl; Qz Cl; Qz Cl Py; Qz ±Py	94.36	96.80	SHR BFP	~30°	SHR BFP	ArSe 3, cb 2, KL 3 (±Si)	0	cb 2	y'gy	4+	0	2+	0.2	0	0.9	0	SHR BFP - Incr. evidence of tectonization, particularly in dk. qtz-gf vnls/units	583	.279	.20
			CTC 30			96.80	99.20	SHR FVN	20-40		Cb 4,										As	-96.80-99.20 Carb Fault vein, Gray/black silica SHR			
97.54	100.58		99.20		CbFVN					SHR-FVN	Si 4 loc, ArSe 4 loc	0		yl gy (buff) gy/black bands	3-7	0	5	Tr 424	0	1-2 424	Tr 424	veins up to 10cm wide, 10-20%. -Buff ArSe4 BFP bands up to 20cm wide ~20% vol.	584	.270	.19
			CTC ~30; 99.80; 100.25		Se SHR; Cb-Sil FVN; Cp	99.20; 99.80	99.80; 100.25	SHR; FVN	30-50; ~30	BFP	ArSe4 +	0	2	buff-gy	3-	0	3-	0.5	0	1		-99.20-99.80 SHR BFP -99.80-100.25 Cb-black sil SHR FVN			
100.58	103.63		101.27		FLT Sil; Qz Se SHR	101.27; 101.90	101.90; 104.55	FBX/FVN; FVN/SHR	30; 20-30		Cb 3 (KCl 4)							104 448		104 448		-100.25-101.27 ArSe4 alt'd BFP, wk SHR, rare irreg black sil vns.	585	.287	.46
			CTC 30; 101.90; CTC 30		CbFVN; Si Py; SiFVN					SHR-FVN	Si 4, Cb4 loc	0	0	med gy black buff loc	7 3 loc	0	5	Tr 104	0	5 428		-101.27-101.90 Carb cemented FBX. Dominantly buff ArSe alt'd BFP frgs <3cm, loc black sil FVN frgs Beige carb matrix supported (~50% vol)			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-92-69

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnits 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
			104.55		FLT $Q_2(Cb)(Py)$	101.90	104.55	FVN/SHR	20-30	FVN/FLT-BFP	SHR-Si4	0	0	md gy, black & buff stripes	7	0	5	0	0	3 428		-101.90-104.55 int sh'd black/gy silica FVN Buff sil ArSe-alt'd BFP frgs and bands <5 cm wide ~20% Late Py only			
103.63	106.68		cTc 40		Q_2Sc Q_2Cp $Cp(Q_2)$ $Py Cp \pm Q_2$ vnlts					BFP	ArSe4 + Cb3 (Kl4)	0	2	buff-gy	2-3	0	3	<1 104 422	0	1-2 104 300		- Soft, str carb-clay alt'd BFP. White Kl4 alt'd Pl phenos up to 5 mm across 30-40% vol. Beige Cb-Sc alt'd groundmass and mafics	20058b	.308	.29
106.68	109.73			Ar	Q_2Cp vnlts tarn Py Q_2Cp					BFP	ArSe4 + Cb3 (Kl4)	0	2	buff-gy	2	0	3	1.2 422 104	0	1 104		- As above.	588	.374	.32
109.73	112.78				Q_2Cp Q_2Cp vnlts Q_2Cp Q_2Cp vnlts SHR CbPy					BFP	ArSe4 + Cb3- (Kl4)	0	1-2	buff-gy	2-3	0	3	1.2 422 104	0	1 104		- As above	589	.389	.30
112.78	115.82		115.50 GRAD cTc		Q_2Cp Sil+Cp CbPy					BFP	ArSe4 + Cb3- (Kl4)	0	1-2	buff-gy	2-3	0	3	1.4 104 422	0	<1 104		- As above.	590	.374	.26
										BFP$_A$	"	as	per	below								- Barren ArSe+Cb alt'd rhyolite			

Hole: MO-02-69

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
115.82	118.87				CLV Q_2 Cb (clay) SHR					? BFP$_A$	Ar Se5 + Cb3$^-$ (KC4)	0	2	buff	2	0	1	Tr 104	0	1 104		- Soft str clay-carb alt'd mgr BFP. Wkly str-int KC alt'd PL phenos up to 3mm across 20-30% vol. Beige clay-carb alt'd groundmass and matics. - No visible Cp. Possible tarnished diss vfg Cp.	100591	.104	.03
				119.85	Se SHR								a/a per above									- As above, barren dyke no diss Cp, no Q_2Cp vns, less PL phenos			
118.87	121.92			CTC ~ 20	Q_2Cp vns sil + diss Cp Q_2Cp					BFP	Ar Se4 + Cb3$^-$ (KC4)	0	2	buff-gy	3, 2 Loc	0	3	1.3 422 104	0	<0.5 422		- Mod hard, loc soft, mgr - cgr BFP. Av PL phenos size between 5-10mm. Higher PL content (30-50%) than above.	592	.444	.25
121.92	124.97				Q_2Cp Cb Q_2 Py Q_2 (CL)					BFP	Ar Se4 + Cb3 (KC4)	0	2	buff-gy	2	0	3$^-$	1.2 422	0	0.5-1 104 421		- Systems of planar Q_2Cp vns 1-5mm wide Loc. silicified intervals (<10cm long) and minor perv Cb alt	594	.239	.20
124.97	128.02				Q_2Cp vns vuggy					BFP	Ar Se4 + Cb3 (KC4), Cb4 loc	0	1	buff-gy dk gy loc	2	0	3$^-$	<1 422 104	0	<1 422		- As above - Loc minor Cb4 alt (3 intervals <20cm long)	595	.391	.23

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-69

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
128.02	131.06				Qz Cp vns/vnlts Qz Cp					BFP	Ar Se4 + Cb3 (Kl4)	0	2	buff-gy	2	0	3+	1.4 422 104	0	<1 422 104		- As above.	20596	.426	.37
131.06	134.11				Qz Cp Cb Py Qz Cp Qz Cp : Py Qz Py Qz Cp					BFP	Ar Se4 + Cb3 (Kl4)	0	2	buff-gy	2	0	3	1+ 422	0	<1 422 104		- As above.	597	.604	.51
134.11	137.16				Qz Cp : Py Qz Cp Cb Py Cb Qz Py Cb Qz Cp ± Py	135.90	136.00	Cb Py vn	20	BFP	Ar Se4 + Cb3 (Kl4)	0	2	buff-gy	2	0	3+	1.5 422 104	0	1 104 422		- As above - 135.90 – 136.40 2 × late Cb Py vns and wk SHR.	598	.389	.29
137.16	140.21				Qz Cp Py vnlts Cb Qz Cp Qz Cp Py vnlts Qz Cp					BFP	Ar Se4 + Cb3 (Kl4)	0	2	buff-gy	2+	0	3	1.5 420 104	0	1+ 104 420		- As above. - Fgr - vfg tarnished diss Py/Cp	600	.314	.20

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
140.21	143.26		+ + + + + + + + + +		Qz Cp; Qz Cp; Py Cp Qz vnlts; Py Cp Qz vnlts					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	2	0	3	1.5 300 104 422	0	1 300 104		- As above	200601	.397	.28
143.26	146.30		+ + + + + + + + + + } ch-alt		Qz Cp ± Py; Qz Cp; Qz; Qz Cp; Qz Cp					BFP	ArSe4 + Cb3 (KC4) Ch 4 loc	0	2	buff-gy dk gn loc	2⁻	0	3	1.5 104 422 300	0	1 104 300		- As above - Dk gn Ch-4 from 145.10 to 145.70	602	.698	.43
146.30	149.35		+ + + + + + + + + + 149.50		Qz Cp; Qz Cp; Qz Cp; Qz					BFP	ArSe4 + Cb3 (KC4) Ar5 loc	0	2	buff-gy	1-2	0	3 2 loc	1 422 104	0	1 104 305		- As above - Increasingly arg alt'd downhole	603	.506	.33
149.35	152.40		+ + + + + + + + + + alt chng		Qz; Qz Cp; Cb; Qz Cp; Qz Cp; Qz Py					BFP	K3	30	0	dk gn-black	6	3-4	3⁻	1.5 422 104 102	0	<1 422 104		- "Black jet" mod-str K-alt'd mgr-cgr BFP. Subhedral Pl phenos av. 7mm 30-50%. Black Bi phenos up to 2mm ~10%. Abundant [illegible] Bi - Fgr - Vfg diss Cp >> diss Py	604	.334	.22

Pacific Booker Minerals Inc.
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Hole: MO-02-69

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
152.40	155.45				Q_2Cp Q_2Cp vuffy Ch Ch Q_2Cp vuffy					BFP	K3	30	0	dk gy-black	6	3+	3-	1.8 104 422	0	0.5 104		- As above	20066	.382	.23
155.45	158.50		158.40 alt chng		Ch Q_2Cp Q_2Cp Ch Qz Qz					BFP	K3	30	0	dk gy-black	6	1-3	3-	1.5 104 422	0	0.5 104		- As above. - Wk Ch-alt halos along some Q_2Cp vns. - Gradual transition to lower ArSe+Ch alt. - decreasingly mag downhole	607	.294	.13
158.50	161.54				Q_2Py $Q_2(Cp)$					BFP	ArSeh + Ch3 + Cb3	0	2	med gn	2	0	1	<0.5 422 104	6	0.5-1 104		- Soft, wk calc, nonmagnetic, green clay-carb-chlorite alt'd mgr-cgr BFP. Lt gn KF-Ch? alt'd Pl phenos - V. low Cp, mostly in rare Q_2 vns and trace diss Cp. Py > Cp	608	.482	.30
161.54	164.59				Qz $Q_2(Py)$ Qz					BFP	ArSch + Ch3, Ch5 loc	0	1?	med gn black loc	2	0	1	0	0	1 102		- As above - Black Ch 5 at 162.90-163.80 - NTW from 164 30.	609	.417	.23

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Hole: MO-02-69

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
164.59	167.64				Cb Q2 Op Q2Cp Q2(Cb)					BFP	Ar Se4 + Ch 3	0	1?	med gy	2-3	0	1	0.7 422 102 108	0	<1 104	Hm Tr 102	- As above - Rare Cp blebs ~5mm across	200610	.354	.16
167.64	170.69			CSH	Q2(Cb) Q2Cb Q2Cp Q2Cp Q2					BFP	Ar Se4 + Ch 3, Ar Se4 + Cb 3 Loc	0	1-2	buff-gy	3-	0	2-	0.7 422 104	0	1-2 104		- As above. - Loc buff Ar Se 4 + Cb 3 (white KF alt'd PL) Green Ch alt along frcs and Cb vns, later to tan buff clay-carb alt - diss Py >> diss Cp.	612	.321	.17
170.69	173.74				Q2Cp Py vnlts Q2Cp Cb Q2(Cb)					BFP	Ar Se4 + Ch 3, Ar Se4 + Cb 3 Loc	0	1-2	med gy buff Loc	3-	0	1	0.6- 422 104?	0	1-2 104		- As above - Ar Se 4 + Cb 3 down to ~172.00	613	.208	.13
173.74	176.78				Q2Cp Q2 Q2Py Op					BFP	Ar Se4 + Ch 3	0	1?	med gy	2-3	0	2-	Tr 422	0	1 102?		- Grecuix clay-chlorite alt'd mgr BFP. Lt gy Pl phenos. Lt bu carb-Se(?) alt Bi phenos, gy Ch-alt'd groundmass.	614	.195	.12

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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
176.78	179.83				Cb Q2 Py Q2 Q2(Cp) Q2 Cp Py	177.15	177.65	Cb Q2 Py Sp	20	BFP	Ar Sc4 + Ch3 + Cb3 (Loc)	0	1	md gu	2+	0	2-3	0.5 422	0	2+ 448 102	Sp Tr 448	- As above - Late carb-quartz-Py vn at 177.15 - 177.65 - System of subparallel Q2 Cp vns 0.5-1cm wide.	20085	.311	.18
179.83	182.88				Cb clay Q2 Cp Q2 Py Q2(Cp)					BFP	Ar Sc4 + Ch3 + Cb3	0	1	med gu	2+	0	2	<0.5 102 422	0	1-2 102		- As above.	617	.377	.26
182.55	185.93				Of Q2 Cp Q2 Py Cb Q2 Py	fp				BFP	Ar Sc4 + Ch3	0	1?	med gu	2	0	2	<0.5 422	0	1+ 102		- As above	618	.447	.22
185.22	188.98		187.75 alt clng		Q2 Cp Q2 Cp Py Q2 Q2 Cp Q2 Cp					BFP	Ar Sc4 + Ch3	0	1?	med gu	2	0	2+	<0.5 422	0	1+ 102		- As above	619	.471	.18
											K3	25	0	dk gy	6	3-	3	1.2 104 422	0	<1.5 104		- Mgr BFP. subhedral Pl phenos <5mm, 30% vol. Black Bt phenos <2mm, 5-10% interstitial fgr groundmass Bt ~20% diss Cp >> diss Py			

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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
188.98	192.02				Q_2Cp vns					BFP	K3	25	0	dk gy	6	3	3	1.4 104 422 102	0	0.5 104 102		- As above diss Cp >> diss Py	200620	.375	.23
192.02	195.07		193.88 CTC 30 BFP_A 195.00		Q_2Cp Sil Q_2Cp $Q_2Cp > Py$					BFP	K3	25 30 loc	0	dk gy blocky loc	6 5-	3	3	1.3 104 422	0	0.5 104		- As above - 193.88 - ~195.00 black softer, magn, BFP_A dyke. Euhedral, prism Pl phenos Aphanitic Ch 3 alt'd groundmass <20%. Mineralized, both diss Cp and Q_2Cp vns.	622	.430	.30
195.07	198.12		GRAD CTC 196.15 alt chng Ar5 196.7 Ch4		Q_2Cp Q_2Cp Q_2Cp					- BFP as above.			as	per	above.								- Lt gn Ar5+Ch2 in first 0.5m. darker gn Ch4 alt in the rest of interval	623	.49	.28
BFP	Ch4, Ar5 loc	0	0	med gn, dk gn loc	2	0	2	Tr 422	0	1 102															
198.12	201.17		199.0 ArSe4 + Ch3		Q_2PyCp $C6Py$					BFP	ArSe4 + Ch3, Ch4 loc	0	0	dk gy, med gn	2	0	1	Tr? 102	0	1-2 102		- Ch4 to 199.00 - Increasingly argillic downhole; Lt gn ArSe4 + Ch3 with Lt gn Pl phenos	624	.345	.17

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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnits 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
201.17	204.22		201.35 CTC GD 204.22	90°	QzSe Qzcb Qz PyCp QzPyCp QzSePyCp	—	—	—	—	BFP ("c.g.")	K_3 (Ch_3 - loc -)	25-30	0	dkgy-blk	6+	3+	1	0.5 420 102 104 200	0	0.7 420 104 102 106	Po 0.3 420 102	As above "Coarse-Grained" BFP - Relatively c.g. BFP (to lower f.g. interval) - Plag. ~ 50%+; 2-4 mm diam generally	200625	.313	.41
204.22	207.26		CTC 20° loc. Se Alt'n cg cg cg		QzSe Qzcb Qzcb Qz Qzcb QzPyCp Qzcb Qzcb					BFP (F.G.)	K_4	60+	0	blk-dk gy	6+	3+	1	0.3 420 422 102 104 200	0	0.5 420 422 102 104 200	Po 0.2 420 102	"Fine-Grained" BFP - >80% melanocratic min's; 20% (max) plag. - biot concentrated along fracts. - local "c.g." BFP dykes; generally <10 cm across; ctc's usually evident. ↓ cont'd	626	.369	.25
207.26	210.31		cg		QzPyCp QzPyCp QzPyCp PyCp Qz QzPyCp Qzcb Qz QzPy	207.43	207.45	VN	20°	BFP (FG)	K_4	60+	0	"	"	"	"	0.4 422 420 300 102 104 200	0	0.7 422 420 300 104 102 200	Po 0.2 102	- Relatively poor min'n; v.f.g and predominantly with Qtz units. - Local Vn-related Se-Alt'n @ top of zone - 2% Diss Epidote (104-106)	628	.352	.21
[illegible]	213.36		Bx 212.04		CpPy Qzcb CpPy QzcbPy Qzcb QzPyCp	211.20	211.46	ZS Bx	60°	BFP (FG)	K_4	60+	0	"	"	"	"	0.3 102 104 420 300 200	0	0.5 102 420 300 104 200	"	211.20 - 211.46m: K4 Alt'd ZS Frags in BFP w/ Frags 1-4 cm diam. Upper ctc of this interval @ 60° to CA	629	.326	.16
			CTC 30° C.g. BFP		QzSe Qz					BFP	KSi_3	30+	0	dkgy	6+	3	1	0.5 102 104 420	0	0.6 104 420 102	"	(c.g.) BFP = Normal BFP (though c.g. relative to previous interval) - Potassic-Silicic (KSi3) Alt'n 1-2% Diss Ep			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-69

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
213.36	216.41		213.80 GD	gge gge	Qz ① Qzcb/PyCpQz Qz	215.12	215.15	VN	20°	EFP BFP	KSi3 ArSe3 Cb2 Kl3	30° 0/<5% loc.	0 cb 2	dksy ylgy	7 4/1 (gge)	2 0	1 2	0.1 102 104 0.6 304 104 300 102 420	0 0	0.2 104/2 2.0 304 104 300 420 102	0 0	See above BFP (N.G.; Normal) - clay carbonate (ArSe + Cb + Kl) Alt'd; likely related to veins ① & ② - Interval of KSi alt'd BFP in middle.	200630	.197	.07
216.41	219.46		216.49 KSi3 217.35	gge gge	Qzse/Ca Qzcb Qzcb ② QzMoPyCp	219.02	219.05	VN	20°	BFP	" + KSi3	0/30	cb 2	ylgy (dksy)	4/7/1 (gge)	0/2	2	0.3 424 104 102 420 300	"	0.5 424 104 300 420 102	Mo 0.3 424	As above - best min'n within KSi alt'd zone.	631	.230	.06
219.46	222.50		221.25 @ 48°	gge	Py PyCpQz QzSePy Qz Qz QzCpPy					BFP BFP	" KSi3 (Ch, Kl)loc	0/5 (c+c) 30°	Cb 3 0	ylgy dkgy	4/1 (gge) 7	0 2	1 1	0.2 302 102 300 <0.2 102 104 420	" 0	0.3 104 302 102 300 420 0.3 420 104 102	0 0	As above - Greater Cb alt'n here - Diss. bio within 20cm of lower alt'n ctc. M.G. BFP - Potassic - Silicic (KSi) Alt'd (overall) with loc. Chloritic ± kaolin alt'n adj to vnlts	632	.159	.08
222.50	225.55				Qz Qzcb QzCaPyCp Qzcb QzChPy QzMoPyCp Qzcb					BFP	KSi3 / Ch, Kl, [illegible]	30°	0	dkgy	7	2	1	"	"	"	Mo 0.2 422	- loc. diss. [illegible] ~2%, particularly adj. to Qz/Qzcb Vnlts - Poorly Min'd overall BC?	634	.091	.03

Hole: MO-22-69

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From (m)	To (m)	Rec %	Visual: LITHOLOGY / FRACT / VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
225.55	228.60		Qzcb; Qzcb; Qzcb, Qz, Qzmo					BFP	K_3 (±Si) ch, -loc-	30	3	dkgy	6-7	2	1	< 0.2 420 102 102	0	< 0.3 420 102 104	0	LLC BFP - Potassic (±Silicic) Alt'n - 2-5% Diss Ep (10G/10H) dominantly adj to Qzcb vnlts - loss of Si particularly adj. to Qz cb vnlts	20035	.275	.11
228.60	231.65		PyCpQz, PyCpQz, Qz, Qz, QzPyMoEp, Qzcb, QzCpPy, Qzcb, QzCpPy, QzSc	230.94	230.96	VN	35°	BFP	KSi_3 (±Si)	30°	0/cb1 loc	"	7-6	2	1	0.7 302 300 420 102 104	0	1.2 302 300 420 102 104	n/s 0.2 420	- Dominantly Potassic-Silicic Alt'n, with zones where Si has been depleted, particularly adj to most vnlts. - Overall poor min'n aside from that hosted in vnlts - Mo_3 ~ 55 - 65% $^+$	636	.557	.35
231.65	234.70		QzSc, QzScPy, PyCpQzEp, QzCbMoPyEp, QzPyCpCa					BFP	KSi_3 (±Si) (Zn, Pb, -loc-	30°	0/cb1 -loc-	"	7-6	2	1	0.3+ 104 420 440 102 300	0	0.5 420 300 440 102 104	n/o 0.2 440 420	As above - loc. ch ± Act, vein-related, alt'n.	637	.332	.19
234.70	237.74		QzCaPyCp, QzCaCpPy, QzCa, QzCa, PyCpQzEp, QzCb, QzCaPyCp					BFP	"	30°	0/cb1 -loc-	"	7-6	2	1	< 0.3 200 420 102 104	3	0.5 420 200 103 104	0	As above	638	.181	.08

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
237.74	240.79				PyCpSpQz; Qzcb; QzcbPy; Qz/Gacb					BFP	KSi3 (±Si) (Ch1 Cb1 -loc-)	20+	0/Cb 1 -loc-	dkgy	7-6	2-	1	0.2 302 420 102 104 200 300	0	0.4+ 302 420 104 200 102 440	Sp 0.2 302	M C BFP - >65% Plag phenos - loc Ch±KL±cb Alt'n (±Ep) adj to Vnlts - Poorly aligned except in Vnlts - Potassic (±Silica) Alt'n overall - 2-3% Diss Epidote (106/4)	200640	.114	.06	k
240.79	243.84				QzPyCp/PyCpQz; Qz; Qz; Qzcb; Qz; QzcbPy					BFP	KSi3 (±Si) ArSe3' Cb2 KL2 -loc-	25	0/Cb 2 -loc-	" / ylgy	7-6	2	1	0.3 424 300 200 102 104	0	0.5 424 300 200 104 102	0	As above - Biotite often best developed adjacent to vnlts. (late)	641	.137	.04	k
243.84	246.89				QzCpPy; PyCpQz; QzcbPyCp; Qzcb	244.03	244.07	VN	30°	BFP	KSi3 (±Si) (ArSe2 Cb1 KL1 -loc-)	25	0/cb 1 -loc-	"	7-6	2-3	1	0.3 424 300 104 102	0	0.5 424 300 104 102	0	As above	642	.320	.11	k
246.59	249.94				QzCb; Qz; Qz; Qz; Qz					BFP	KSi3 (±Si)	25	0/Cb 1 -loc-	"	"	"	1	0.3 104 102 420 300 200	0	0.4 104 420 102 300 200	0	As above	643	.344	.23	

Hole: MO-02-69

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
249.94	252.98		250.93 SeAr 251.59		Qzcb Qzcb QzCbPySpCp QzcbPyMoCp QzCpPy QzPyCp Qzcb	251.02 251.46	251.05 251.49	VN VN	20° 25°	BFP	K3 (±Si) (SeAr2 KL1 Cb1)	25+	0/Cb 1	dkgy/ylgy	6+/4	2	2	0.3 442 420 440 102 104	0	0.8 442 420 440 102 104	Sp 0.2 442 Mo 0.2 442	M.G. BFP As above - Mod. clay-carb Alt'n due to Vn's btw: 250.93 - 251.59m	200644	.946	.27
252.98	256.03		254.43		QzPyCp QzSe Qzcb PyQzCp Qz Qz QzB QzCbPyCp QzCpPy					BFP	K3 (±Si)	25 →35	0	dkgy/v.dkgy (blk)	6	3	1	0.2 440 420 102 104 300	0	0.4 300 440 420 102 104	0	As above + BFPA BFPA(?): Aplanitic BFP 254.43 - 257.75m (15-30% plag phenos in gm. melanocratic gm)	646	.914	.24
256.03	259.08		257.75 258.29		QzPyCp QzcbSpCpPy Qzcb Qzcb Qz — — — QzcbSp QzCpPyMoCp Qz	 — — — 258.48	 — — — 258.58	 — — — VN	 — — — 30°	BFP — — — BFP	K3 (±Si) — — — ArSe2 Cb2	35+ →25 — — — 0	0 — — — cb	v.dkgy (blk)/dkgy — — — ylgy	6 — — — 4-	3 — — — 0	1 — — — 3	0.2 422 442 440 420 104 102 — — — 0.3 444	0 — — — 0	0.4 422 442 420 440 104 102 — — — 0.3 444	Sp 0.2 442 — — — Sp 0.3	As above — — — M.G. BFP - Moderate clay-carb (ArSe + Cb + KL) Alt'n due to veins.	647	.288	.12
259.08	262.13		259.77		QzcbSpCpPy — — — Qzcb Qz Qz Qz Qzcb Qz	259.41 — — —	259.43 — — —	VN — — —	10° — — —	— — — BFP	KL2 — — — K3 (+Si) towards Bot (Chl 3g)	— — — 25	2 — — — 0	— — — dkgy	— — — 6	— — — 1	— — — 1	420 420 — — — 0.3 104 102 420	— — — 0	422 420 — — — 0.4 420 104 102	444 — — — 0	— — — M.G. BFP · Potassic Alt'n; · Dominantly c.g. biot (20%) with lesser f.g. biot · Weakly developed Se+Ch alt'n resulting in [illegible] appearance.	648	.413	.24

Hole: MO-02-69

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
262.13	265.18		263.37 Grad	55°, 58°	Qzcb, Qz, Qz, QzSe					BFP	KSi3	25+	0	dkgy	7	2	1	0.3 104 420 102	0	0.4 420 104 102	0	As above	200649	.390	.12
					QzCpMoPy, Qz, Qz, Qz, Qz, Qz, Qz					BFP	ArSe3 Cb3 KL3	0	cb3	y/gy	3	0	3	0.3 422 420 102 104	0	0.3 422 420 104 102	N/S 0.2 422	N C BFP - Vein-related Clay-Carb (ArSe-Cb-KL) Alt'n. - White (kaol-alt'd) plag phenos in Ar+Cb Mtx.			
265.18	268.22		267.00 Grad	55°	QzPyCp, Qz, QzCpPy, Qz, QzPyCp	265.20	265.27	VN	70°	BFP	"	0	"	"	3	0	3	0.4 422 420 104 102	0	1.6 424 422 420 104 102	0	As above	650	.447	.29
					Qz, Qz, QzPyCp, QzCpPy, QzSeCpPy, QzCbCh					BFP	KSi3	30+	0	dkgy/blk	7	2	1	0.5 422 420 104 102	0	0.7 422 420 104 102	0	M.G BFP - Potassic + Silicic Alt'n -			
268.22	271.27		ch+cb ± kl		QzPyCpSe, QzCb, QzSePyCp, Qz, QzPy, QzCh, Qz/QzPy, QzCpPy	271.06	271.09	VN	20°	BFP	KSi3 (ch, cb, kl)	30-	0 / Cb 1	"	7	2	2	0.6 424 422 420 104 102	0	0.5 424 422 420 104 102	0	As above - loc vn-related ch + cb ± kl alt'n	652	.493	.31
271.27	274.32				Qz, Qz, QzCpPy, Qz, Qz, QzCpPy, QzPyMoCp, QzCpPy					BFP	ksi3	30-	0	"	7	2	1	0.6 "	0	0.5 "	0	As above / below	653	.516	.34

SG

Hole: MO-02-69

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
274.32	277.37				QzCp vnlts; QzCp; MoCp; QzCp					BFP	K3	25	0	dk gy	7-	3	3	1.2 104 102 422 420	0	0.5 104 102	Mo Tr 302 / Po <0.5 104	- Mas [illegible] FFP [illegible] [illegible] Fl phenos up to 10 mm, av = 5 mm, [illegible] 50%. - Black Bi phenos 0.5-3 mm 10%. Fgr groundmass Bi 10-20%. - Fgr to vfg diss Cp + QzCp vnlts/vns diss Cp > diss Py > diss Po	200654	.393	.23
277.37	280.42				QzCp; QzCp (Cb); QzCp vn/vnlt					BFP	K3	25	0	dk gy	7-	3-	3	1.5+ 104 422	0	<0.5 104			655	.780	.52
280.42	283.46				Py; Qz(Cb); QzCp; Qz; QzCp; QzCp					BFP	K3	25	0	dk gy	7-	3	3	1.5+ 104 102 422 420	0	0.5 104 102		- As above - Irreg BFP 282.60-282.20	657	.682	.38
283.46	286.51				QzCbCp; QzCpPo (Cb); QzCp; QzCp; Cb					BFP	K3	25	0	dk gy	6+	3-	3-	1.5 104 102 422	0	0.5 104 102		- As above.	658	.753	.44

Pacific Booker Minerals Inc.
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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
286.51	289.56		286.67 alt chng; K3		Qz Cp; Qp Cb; Qz; Qz; Cb Qz Py					BFP	ArSc4 + Cb3 (Kl4)	0	2-3	buff	3, 2 loc	0	3	1.3 104 422	0	<1 104 422		- Mgr-cgr BFP the same as above, but clay-carb alt'd. White Kl4 alt'd Pl phenos, lt bn carb-Se alt'd Bi. Gy Se in groundmass - 288.80-289.35 K3 alt.	200659	.602	.32
289.56	292.61				Qz; Qz Cb Cp Py; Mo Cp Qz; Qz Cp; Qz Cp Py; Py; Qz Cp Py Sc Cb; Cb					BFP	ArSc4 + Cb3 (Kl4) ArSc4 + Cb3+Si2	0	3	buff	2-3 loc 5	0	3	1.2 422 104	0	1 104 422	Mo TT 422	- As above. - 292.00-293.10 Harder silicif'd buff ArSc4+Cb3 cgr BFP.	660	.418	.20
292.61	295.66		293.10 alt chng		Qz Cp; Qz Cb Cp; Qz Cp Cb; Cb; Qz Cp; Qz Cb Py Sp					BFP	K3⁻	20	0	dk/med gy	7⁻	3-2	2⁺	1.1 104 422	0	<1 104		- Dk gy, magnetic K3 alt'd mgr-cgr BFP. Pl content ~50%. Black Bi phenos <2mm, 5-10%. Interstitial fgr groundmass Bi 10-20% Loc sec Bi along frcs.	662	.350	.19
295.66	298.70				Qz Cp; Cb Cp; Qz Cp; Qz Cp (Cb); Cb; Qz Cp					BFP	K3⁻	20	0 loc 2	dk/med gy	7⁻	3, loc 2	2	1 104 422	0	<1 104		- As above	663	.401	.20

Pacific Booker Minerals Inc.
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Hole: MO-02-69

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
298.70	301.75		+ + + + + + + + + +		Cb, Ca, Ca, Q2Cp, Cb					BFP	K3-	20	0	dk/wed gy	7-	3	2	1 10^ 300	0	<1 10^		-As above. -299.85 - 300.60 Fgr groundmass and subhedral Pl phenos ~20%. Possible BFPA dyke (CTCs ~30°TCA, magn, Ch3 alt'd, wk minz'd).	20064	.327	.16
			END OF HOLE																						

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Hole ID: MO-02-70	Nominal Collar Coordinates: ~670 770 E ; 6119 300 N		Hole Type: HQ 3.05-38.10; NQ 38.10-203.70; NTW 203.70
Date Started (drilling, logging): May 12 / May 13, 2002	Surveyed Collar Coordinates:		Material left down hole: casing
Date Completed (drilling, logging):	Depth: surface / Depth: 100.58 / Depth: 199.64 / Depth: 300.23 / Depth: 375.21		Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 270° / Azimuth: 273° / Azimuth: 276 / Azimuth: 272 / Azimuth: 270°		Top of bedrock: 30.48
Geologists: K. Leskiw / D. Hladiuk	Dip: -45° / Dip: -46 / Dip: -45 / Dip: -44 / Dip: -45		Purpose of Hole: grid drilling
Section: 9300 N Map Reference: 3690-3	Survey Method: Sperry-Sun		

Visual					Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0.00	3.05									CSG												-0.00-3.05 casing, no core!			
3.05	30.48		30.48							OBD												-3.05-30.48 Overburden - soil supported pebbles & cobbles up to 15cm across av = 2cm. Rare boulders (up to 30cm) in first 3m. Clayish soil matrix >50%. -Rec = 9.20m ≈ 25%. -No samples			
30.48	33.53									BFP	Kl5 (Ar5x5)	10	0	Hgy	1	0	0	0	0	4 104		-Int clay (white Kl) alt'd rare BFP. White Kl alt'd Pl <5mm across. -Euhedral hexagonal Bi flakes <2mm, 10%. -Abundant diss Py cubes -Rec ≈30%	20065	.122	.05

Hole: MO-02-70

Pacific Booker Minerals Inc.
Morrison Project

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
33.53	36.58		+ + +		No vns/ vnlts					BFP	KC5 (ArSeS)	10	0	lt gy	1-2	0	0	0	0	5 104		-As above - Good rec in first 85 cm, v. poor rec in lower part of the interval:	200666	.103	.03
36.58	39.62		+ + + 39.60	frg ??	none					BFP	KC5 (ArSeS)	Tr	0	lt gy	1-2	0	0	0	0	3 104		- As above - Reduced to NQ at 35.10 - 35.10 - 39.60 v. poor rec [illegible]) - Sharp reg [illegible] at 39.60, 30° TCA.	667	.127	.06
39.62	42.67		cTC 30	BLK	Py±(Qz)±(c) vnlts					ZS	Se 3	0	0	drab gy	3	0	3⁻	0	0	2.5 300 440 200		- Soft, drab Se-alt'd vfg ZS, darker and slightly harder than gray frg in MO-02-69. - Frc controlled Py only (Fy halne!) - Blocky core, rec ≈ 30%.	668	.023	<.01
42.67	45.72			BLK/ CSF	Py±(Qz)±(c) vnlts					ZS	Se 3	0	0	drab gy	3	0	3⁻	0	0	2 300 440 200		- As above, blocky/crushed Rec = 60 cm ≈ 20%.	670	.009	<.01

SG

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
45.72	48.77			BLK/CS#	Py±(Q2)±(Cb) vnlts					ZS	Se 3	0	0	drab-gy	3	0	3	0	0	2 300 440 200		- As above, blocky/csh'd Rec = 35 cm ≈ 12%	200671	.008	<.01
48.77	51.82			CS#	Py±(Q2) ±(Cb) vnlts					ZS	Se 3	0	0	drab-gy	3	0	3	0	0	2 300 440 200		- As above, crushed/blocky Rec = 60 cm ≈ 20%	672	.015	.01
51.82	54.86		APPROX 53.30	CS#	Py±(Q2)±(Cb) vnlts					ZS		as per above										- As above, crushed/blocky Rec = 15 cm ≈ 10%	673	.106	.05
			LOST/RUBBLE 54.80	BLK GGE ?	Cb FBX	53.30	54.80	FBX		FBX	ArSe4 + Cb3 (frgs)	0	1	buff	? 2-3	0	N/A	0	0	1 424 frgs		- Buff carb matrix supported FBX, contains clay-carb Alt'd BFP frgs (10-20%) and gy silica frgs (10%) Both ctcs lost in rubble - Rec = 20 cm < 15%			
(150) 54.86	(155) 56.39		IRREG ? CTC		Q2±Cp ± Py vnlts					BFP	ArSe 4 + Cb3 (Ke 4)	0	2	buff-gy	3	0	[illegible]	0.9 422 104	0	1-2 104 300		- Clay-carb alt'd mgr BFP white Ke alt'd PC phenos have carb and gy Se in groundmass. Rec = 70 cm ≈ 50%, blocky	674	.459	.23

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
(185) 56.39	(195) 59.44		+ + + + + + + + +		Py vnlts; CbQz Py					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	3	0	3-4	0.9 422 104 302	0	3 302 104		- As above - Abundant Py vnlts and Py along frcs. Diss tarnished Py and Cp. - Rec = 1.5m ≈ 50%	200676	.392	.19
59.44	62.48		+ + + + + + + + + + +		Q2Cp; ?; K2(Cp)					BFP	ArSe4 + Cb3 (KC4)	0	1	buff-gy	3-4	0	3	0.9 104 422 302	0	2 302 104		- As above - Rec = 75cm ≈ 25%	677	.234	.11
62.48	65.53		+ + + + + + + + + +	CSH ?	Q2Cp; ?					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	3	0	3	0.8 104 422	0	1-2 104		- As above - Rec = 45 cm ≈ 15%	678	.238	.13
65.53	68.58		+ + + + + + + + + +	CSH ?; BX?	Py; Q2Py; Q2Cp; Q2Cp					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	3	0	3	0.9 422 104	0	1-2 104 422		- As above. - Rec = 1.15m ≈ 35%	679	.458	.30

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
68.58	71.63		APPROX 69.50 LOST/ROUBLE	?	Qz-Sil FVN	69.50	74.80	FVN/ FBx		BFP FVN/ FBx	Sil4 loc	as per above 0	1	buff	3 loc 7	0	N/A	~0.5 104 (448)	0	2 448		- As above - Rec 30cm ≈ 30% - 69.50 - 71.63 Carb FVN with gray/black silica FVN fragments or loc silicif'd No BFP/wallrock fragments!! Rec ≈ 30%	200680	.104	.10
71.63	74.68		APPROX 74.80 LOST RUBBLE	?	Cb-Sil FVN					FVN FBx	Sil4 loc	0	0	buff to gy	3, loc 7	0	N/A	<0.5 104 (448)	0	5 448		- 71.63 - 74.68 Gray silica ± minor carb - Py - V. poor recovery, ~15% (50cm) - Lower CTC lost in rubble approx at 74.80	682	.155	.14
74.68	77.72				CbPy QzCpPy QzCp PyCp? vnlts					BFP	ArSc4 + Cb3 (KL4)	0	2	buff	3-	0	3-	0.8 442 104	0	2- 300 464 104		- Clay - carb alt'd near BFP White, wk calc KL-alt'd PL phenos <5mm across Beige Cb alt'd Bi, some gy Se in groundmass.	683	.166	.45 SG
77.72	80.77				Py QzSePy SiC QzSeGp CbS.CpPy CbPy	78.50	78.60	QzSe GpPy/ SeR	10	BFP	ArSc4 + Cb3 (KL4)	0	2	buff	3-	0	3-	0.8 442 104	0	2- 300 304 104		- As above	684	.159	.10

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
80.77	83.82				Cb Py Qz±Cp Qp±Cb					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	3-2	0	3	0.7 422	0	1+ 300 104 200		- As above	200685	.270	.11
83.82	86.87				QzCp QzSe QzCp Qz±Cp QzCp Qz [illegible]					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	3-2	0	3	0.7 422	0	1 300 104		- As above	687	.208	.17
86.87	89.92		88.60 BFP		QzCp Qz QzCpPy Qz					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	2	0	3 2 Loc	0.6 422	0	1 422 104		- As above - 88.60 - 90.40 beige, soft to very soft C64 alt'd BFP dyke. No QzCp vns/vnlts, higher diss Py then above. Pl phenos ~10%.	688	.260	.18
89.92	92.96		90.40		Qz±Cp Qz±Cp					BFP	ArSe4 + Cb3 (KC4)	0	2	buff-gy	2	0	3	0.5 422	0	1 422 104		- As above	689	.284	.20

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
92.96	96.01		Ch5 94.00		Q2 Ch±Q2					BFP	Ar Se4+ Ch3, Ch5 loc	0	0	buff, black loc	2-	0	1	0	0	<1 104		-As above -92.96 - 94.00 black Ch5 alt.	200690	.172	.12
96.01	99.06		96.30 Ch5 97.00 alt chng		Q2 Ch Ch Q2Ch					BFP	K3- + Ch2	20	as per above	dk gy black	5	3	2	0.5 104 300	Tr 104	0.5 104		-96.30 - 97.00 black Ch 5, gradual ctc at 60% tucks -Wkly to mod K-alt'd mgr BFP. Black hi phenos up to 2mm 5-10%. Fgr/interst groundmass Bi 10-15%. -Wk Ch alt after Bi. Some black Ch along frcs	692	.179	.09
99.06	102.11				Ch Q2(Cp)Py					BFP	K3- + Ch2	20	0	dk gy black-gy	5-4	3, 2 loc	2	0.5 422 104	Tr 104	0.7 104 422		-As above	693	.276	.23
102.11	105.16				Q2Cp Q2Ch Q2(Cp)					BFP	K3- + Ch2 loc Ch4	20	0	dk gy black-gy	4-5 loc 2	3, <1 frc	2	0.7 422 104	Tr 104	0.7 104 422		-As above. -102.90 - 104.30 Ch4 alt, nonmagn, "ghost" Pl phenos possible dyke	694	.316	.22

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Visual					Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
105.16	108.20				Q₂Cp Q₂Py Q₂ Q₂Py Q₂Py(Cp)					BFP	K3 + Ch2	20-15	0	dk gy-gn	5-	2-3	2	<0.5 422	0	0.5 422 104		-As above	20095	.426	.28
108.20	111.25		109.05 alt chng Ch5 109.60		Cb Qc Cb Py Q2					BFP	Ar5e5 + Cb3 (kl4) Ch5 loc	0	2	buff-(beige)	2, loc1	0	2	0	0	<0.5 104 440		-Soft to very soft str-int clay carb alt'd w gr BFP kl blebs Pl phenos. -109.05-109.60 very soft, black Ch 5	696	.409	.28
111.25	114.30		Ch5 114.45		Q2Cp Py Cb-Chl Q2Cp Q2CpPy					BFP	Ar5e4 + Cb3 (kl4)	0	2	buff	2, loc1	0	2	<0.5 422	0	0.5 422 104		-As above -114.10-114.45 Black Ch-5	698	.382	.26
114.30	117.35		114.45 alt chng 116.68 alt chng		Cb Q2Cp Q2±Cb Q2Py Q2Py					BFP	K2 + Ch2	15	0	md gy	5-4	3	2+	<0.5	0	1 104 422		-Feldspathic porph, black sec bi along frcs Fgr groundmass Bi ~1%. Wk-mod Ch-alt after Bi	699	.294	.21
											Ar5e5		as	per	below							-From 116.63 Very soft clay-carb alt'd w gr BFP			

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
117.35	120.40		+ + + + + + + +		Qz Py Cp; Qz; Qz Py Cp					BFP	ArSe3 Cb3 KL3	0	cb 3+	y/gy	2	0	1	0.3 420 104 102 300	0	0.4 420 104 102 300	0	[illegible] BFP, [illegible] - Strong Clay-Carb alt'n (ArSe + Cb + KL)	200700	.451	.37
120.40	123.44		120.40; + + + + + + + +; 122.25 ArSe KL	88°	Qz Se; Qz Py Cp; Qz Py					BFP	K3 Ch2-3 (ArSe3 Cb3 KL3)	25	0 / cb 3	dk grngy / y/gy	5+ - 2	1 - 2	1	0.3 420 420 104 102 300	0.2 422 404	0.4 420 422 104 102 300	0	[illegible] BFP - Potassic alt'd with strong chloritic overprint	200701	.328	.25
123.44	126.49		122.75; + + + + + + + +; 126.49	45°; 45°	Qz Py Cp; Qz Py; Qz Py Cp					BFP	"	"	"	"	"	"	"	"	0	"	0	as above	702	.314	.22
?6.49	129.54		+ + + + + + + +	45°; 45°	Qz; Qz; Qz Ch					BFP	ArSe3 KL3 Cb3	0	cb3	lt. y/gy	2+	0	1	0.2+ 104 900 102 420	0	0.4 104 300 420 102	0	Al. G. BFP - Strong Clay-Carb alt'n. [illegible] more prominent than previous cc-section - ~2% diss [illegible] BFP	704	.328	.22

5a

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
129.54	132.59		130.25		QzPyCp	129.80 130.00	129.83 130.25	VN Blk	30° –	BFP	ArSe3 KL3 Cb3	0	Cb3	lt y/gy	2+	0	1	0.3 424 420 104	0	0.8 424 420	0	w. G. BFP - Strong clay-carb alt'n	200705	.282	.15
			132.25							NR (BFP)												No (v. poor) recovery			
					QzCbPy QzCbPy						"	"	"	"	3	"	1	0.3 420	0	0.5 442	0	As above/below			
132.59	135.64				QzCbPy Qz>Cp					BFP	ArSe3 KL3 Cb3 (Se3 [illegible])	0	Cb3	lt y/gy	3	0	"	0.3 420 300 102 104	0	0.5 440 420 300 104 102	0	w. G. BFP - Strong clay-carb alt'n - loc. ch or Se coatings on fracts	706	.286	.18
135.64	138.68		137.01		QzCbPyCp	135.64	135.76	VN	35°	BFP	"	"	"	"	"	0	"	0.3 444 420 300 104/2	0	0.7 444 420 300 104/2	0	As above	707	.352	.24
					QzCpPy QzCbPyCp QzCbPyCp QzCb					BFP	K3 Cb3 (lo)	25+	0	dkgy-gy	5	1	1	0.5 420 300 300 440 104/2	0.2 104 102 200	0.4 420 300 440 200 104/2	0	w. G. BFP - Potassic Alt'n - Local, weak carbonate alt'n assoc with fracts			
138.68	141.73				QzCbPy Qz Qz Qz QzPyCp Qz QzCb QzPyCp QzCpPy					BFP	K3 (Se)	25+	0	"	5	1	1	"	"	"	0	As above - lighter colored/slightly alt'd looking plag. phenos - Dominantly f.g. biot ~20% (c.g. biot ~5%)	708	.386	.22

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Hole: MO-02-70

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
141.73	144.78		+		Qz Py Cp; Qz; Qz; Qz; Qz Ca Cp Py; Qz Ca; Qz Ca; Qz; Qz; Qz cb; Qz Cp Py					BFP	K3	30	0 / Ca1 Vnlts	dk gy	6-	2	1	0.5 420 200 300 104 102 440	0.2 104 200 102	0.4 420 300 104 102 440 200	0	M.G BFP - Potassic Alt'd	20710	.363	.22
144.78	147.83		+		Qz cb; Qz cb; Qz Cp Py; Qz Cp Py; Qz Cp Py; Qz; Qz; Qz Py Cp					BFP	K3	30	0	"	"	2	1	0.4 300 420 104 102 200 440	tr "	0.3 420 300 104 102 440 200	0	As above - Decreasing diss. Cp min'n	711	.298	.19
147.83	150.88		+ 150.53 GRAD		Qz Py Cp; Qz cb; Qz Sc; Qz Ca; Cp Py Qz; Qz; Qz cb; Qz cb; Qz Py Cp; Qz					BFP	K3	30	0	"	"	2-3	1	"	"	"	0	As above	712	.402	.26
150.88	153.92		+ 152.27 GRAD		Qz Ca Cb; Qz Py Cp; Qz	151.00	151.04	SHR VN	70	BFP	ArSc3 cb3 KL3 Sc2	0	cb3	ylgy	3	0	2	< 0.2 420 102 104	0	0.2 422 420 102 104	0	M.G BFP - clay-carb alt'n (ArSc-cb-KL) [illegible] Sc overprint	713	.184	.09
					Qz; Qz Py/Qz cb; Qz					BFP	K3	30	0	dk gy	6	3	1	0.2 420 300 104 102	0	< 0.2 420 104 102	0	M.G. BFP - Potassic [illegible] - Slightly incr. % of [illegible] biot - [illegible]			

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97				Qzca Qzca Qzbi Qzca Qzca Qz Qzcb QzCpPy					BFP	K3 Ch1	35	0	dkgy (lagrn)	6	3	1	0.2 104 102 420 422	0	< 0.2 104 420	0	M.G. BFP; as above - Strong Potassic alt'n, though poor min'n overall (ie. >0.2) - Weak chloritic alt'n overprint	200714	.15	.06
156.97	160.02				QzCp Qz Qz Qz Qzcb Qz QzCp QzCp					BFP	"	35	0	"	"	3	1	0.3 422 420 104 102	0	< 0.2 104 102 420	0	As above	716	.29	.17
160.02	163.07		160.29 Wod 162.58 Gdrad		QzPyCp Qz Qzcb QzcbPyCp Qz QzCpPy QzcbCpPy Qzch Qz Qz QzCp QzCp	161.52	161.54	VN	40°	BFP	ArSe2 KL2 Cb2 K3 (ch1,2)	0 10	cb 2 0	lt ylgy dkgy	4 / 1 6-	0 3	2 1	0.4 422 420 442 440 104 102 0.4 422	0 0	0.3 300 442 440 422 420 104 102 0.3 422	0 0	As above M.G. BFP - Mod Clay-Carb. - Kaol.'d plag. phenos. M.G. BFP; as previous	717	.356	.21
163.07	166.12				Qz Qz QzCpPy Qz Qz QzPyCp Qzcb Qz QzCpPy QzcbPyCp Qz QzPyCp PyCpQz					BFP	K3 (ch1 cb1) loc.	35	0 / cb 1 loc.	dkgy	6+	3	1	0.5 422 420 200 104 102 300	0	0.4 422 300 420 200 (?) 104 (?) 102 (?)	0	- local wk. ch + cb alt'n assoc c̄ & adj to vn's.	718	.328	.18

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
166.12	169.16				Qz Cp Py Qz Qz cb					BFP	K3 (K2)	45	0	dk gy	6-	3	1	< 0.2 420 102 200 104	0	0.2 420 102 200 104	Pb 0.2 K4	M. G. BFP; As previous - Strong potassic alt'n, though v. poorly min'd. ~ 35% f.g. biot - Weakly kaolinized plag adj. to some vnlts. BFP$_A$: 166.15 - 166.55 m	200719	.262	.16
169.16	172.21				Qz Se Qz Cp Py Qz Qz Se Qz					BFP	K3	40	0	"	6	3	1	"	0	"	"	As above	720	.000	.06
172.21	175.26		3 Se/cb		Qz Se Qz Cp Py Qz Ca Qz Qz Py					BFP	K3 (Se1 Cb1 -loc-)	35	0	"	6	3	1	0.2 422 420 102 104	0	0.2 422 420 102 104	"	As above - Weak Se/cb Alt'n adj. to Vnlt	722	.094	.06
175.26	178.31		178.31		Qz cb Qz Cp Py Qz Qz cb					BFP	K3	35	0	"	6	2	1	"	0	"	"	As above	723	.098	.05

SG

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Descriptive: Alt'n	Descriptive: Bi (%)	Descriptive: Ca/Cb 1-5	Descriptive: Colour
178.31	181.36		178.61 grad	ggc	QzcbPyCp cb	178.62	178.80	SHR VN	30°	BFP	ArSe 3 Cb 3 KL 3	0 / 1% loc.	cb 3	lt. y/gy
181.36	184.40				Qz					BFP	ArSe 3 KL 3 Cb 3 (Ch/Se 1)	0	cb 3	lt. y/gy (w pl. grn tint)
184.40	187.45		185.50 Grad	ggc	Qz QzCa QzCa					" BFP	" K 3	0 30	cb 3 0	" dkgy
187.45	190.50			ggc ggc	QzCa Qz QzCa QzCa QzCa QzCa QzcbdePy Qz	190.42	190.43	VN	50°	BFP	K 3 (ArSe 3 Cb 3 KL 3 -loc.)	30	0	dkgy

From (m)	To (m)	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Assays: Cu %	Assays: Au g/t
178.31	181.36	3 -2	0	1+	0.4 446 424 102 104 300 420	0	0.8 446 424 300 420 104 102	0	MG BFP - Strong clay-carb alt'n (likely due to SHR-VN) ArSe + cb + KL (after plag)	200724	.122	.07
181.36	184.40	2	0	1	< 0.2 422 102 104	0	< 0.2 422 102 104	0	As above - below ~182.30m - overprint of Se/Ch alt'n, particularly over plag phenos ± mtx; gives pale grn tint. - ch alt'n along loc. fracts	725	.137	.08
184.40	187.45	2 6	0 3	1 1	" 0.4 104 102 420	0 0	" 0.3 104 102 420	0 0	As above MG BFP - Strong potassic Alt'n Generally weakly min'd, though some slightly stronger zones assoc. w vnlts.	727	.114	.06
187.45	190.50	6	3	1	0.4 412 420 104 102	0	0.3 104 102 420 412	0	As above 190.27 - 190.52m : Vn-related clay-carb Alt'n	728	.251	.17

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
190.50	193.55		192.00		CbPy, QzCp					BFP	K3	25	0	lk gy	5	2	2	0.5 422 104	0	0.5 104		-K3 alt mgr BFP, as above	200729	.2??	.16
			alt chng		Cb						ArSc4 + Cb3 (KC4)	0	2	buff	2-3	0	2	Tr 422	0	1 104 102		- Soft clay-carb alt'd mgr BFP. KC4 alt'd Pl phenos, buff clay-carb groundmass -			
193.55	196.60		194.30 } K2/Sc3 195.50		Cb, Qz, Qz, CbQzPy					BFP	ArSc4 + Cb3 (KC4) K2/Sc3 loc	0, 20 loc	2	buff, med gy loc	2, 3-4 loc	0, 3 loc	2	Tr 104	0	1+ 104		- As above. -94.30-95.50 K2 grading to gray Sc3 alt (50:50)	730	.280	.14
196.60	199.64		197.50		Qz±Py, CbQzPy					BFP			as per above.									- As above			
			CTC 25, 199.75		QzCbPy, Cb, QzCbPy					BFP_A	ArSc4 + Cb3 (KC4)	0	3	buff	2	0	1-2	0	0	<0.5 442		- clay-carb alt'd BFP_A dyke.	732	.118	.05
199.64	202.69		alt chng, 202.60 CTC 45		Cb, CbQzPy± Cl, CbPy, Cb					BFP_A	K2	15	0-1	md gy	5+	3	2	0	0	0.5 462 442 104		-199.75-202.60 K2 alt'd BFP_A dyke. Subhedral "ghost" Pl phenos 5mm across ~10%. [illegible] groundmass <1mm, Cl alt'd. [illegible] 5-10%. -	733	.063	.03
										BFP															

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Morrison Project

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
202.69	205.74		205.29		Q_2 Cb Cp Py Cb Q_2 Q_2 Q_2 Q_2 Cb Q_2 Cb Py					BFP	K3⁻	20	0	med gy	6	3	2	0.5 422 104	0	<1 442 104		- Mgr - cgr BFP. PC pleans 5 mm across ~50%. Black Bi pleans up to 3 mm 10-15%. fgr groundmass Bi 10%. - 205.20 - 206.15 BFP$_A$ dyke CTCs 5° and 15° TCA. - NTW from 203.70 ≈ 670'	200734	.248	.15
205.74	208.79		206.15		Cb Cb Py Cb Q_2 Q_2 Cp Cb Q_2 Cp Cb					BFP	K3	25	0	dk gy	6⁻	3	2	<0.5 422 108	0	<1 444 104		- As above. - Minor splashy Cp (cgr dis)	735	.239	.12
208.79	211.84				Cb Q_2 Cb Q_2 Cp Bi Cb					BFP	K3⁻	20 15 loc	0	dk gy, med gy loc	5-6	3 2 loc	2	<0.5 104 422	0	0.5 104		- As above. - loc med gy feldspatic ppy and sec Bi network along fracs.	736	.244	.13
211.84	213.58		212.88 Arg Arsc 213.80 Arg		Q_2 Cp Py Cb Q_2 (Cb) Py	Mo				BFP	K3⁻,	20	0	dk gy,	5	2-3	2	<0.5 104 426 108	0	<0.5 426 104	Mo Tr 426	- As above - clay - carbonate alt from 212.88 - 213.80	738	.210	.13

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
214.88	217.93				Cb Cl Py Q_2 Cb Cp Q_2 Cb Cp Q_2Cp Cb Cb Q_2 Cp					BFP	K3	25	0	dk gy	5	3	2	0.6 104 442 422	Tr 104	<0.5 462		- As above - Cp > Py	20039	.336	.10
217.93	220.98		220.30		Cb Q_2 Cp Cb Cl Q_2 Cp Q_2 Cp Q_2 Cp Q_2 Cb Cp Q_2 (Cl) Cp Py					BFP	K3 SeAr4	25	0	dk gy	6	2-3	2	1 104 422	0	<0.5		- As above - 220.30 - 221.80 mod hard buff silic clay - carb' alt'n of mgr BFP. Q_2Se3 + KC4 ≈ SeAr4 + Si2 (KC4) intervs represents halos along Q_2Cb veins at 220.95	140 Py Cp	.505	.32
220.98	224.03		221.80		Q_2 Py Q_2 Cp Cl Cb Cl Q_2 Cl Py Cb					BFP	+ Si2 (KC4) K3	6 25	2-3 0	buff dk gy	4 6	0 3⁻	2 2	<1 444 104 422	0	0.5 444 422		- As above	141	.338	.17
224.03	227.08				Q_2 Cl Cp Q_2 Cp Q_2 (Cl) Py Py Cl Q_2 Cp					BFP	K3 Cl 3 loc	25	0	dk gy	6⁻ loc 5	3 2 loc	2⁺	<1 422 104	0	1.5 422 104		- As above. - Cl 3 as irreg haloes around Py/Q_2Py ms (Total ~30%).	142	.277	.10

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Hole: MO-02-70

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
227.08	230.12		+ (pattern)	(fracture symbols)	CpPy; QzCp; Cb; QzCbCp; CbPy(Qz); SiC-Cp; Qz QzMo					BFP	K3	25	0	dk gy	5-6	3	2	1+ 104 422	0	<0.5 422 104	Mo Tr 422	-As above. -Minor Ch	200744	.310	.14
230.12	233.17		+ (pattern)	(fracture symbols)	Qz; QzCp; QzCbCp; Cb; QzCp±Py vnlts					BFP	K3	25	0	dk gy	6	2-3	2	0.9 104 422	0	<0.5 420		-As above. -diss Cp + Cp wisps + rare QzCp vnlts.	745	.218	.10
233.17	236.22		+ (pattern); Ch3/4	(fracture symbols)	QzCp; Cb; CbQzCp; Cb; QzCp; Qz(Cl)Cp; QzCbCp					BFP	K3	25	0	dk gy	6	3	2	0.9 104 422	0	<0.5 462 104		-As above -235.70 - 236.45 mod to int Ch-alt haloe around QzCbCp vein at 236.20	746	.387	.17
236.20	239.37		+ (pattern)	(fracture symbols)	CbCh Py; CbCb Py Cp; Cb; QzCp					BFP	KSi3	20	0	md gy	7	2-3	2	1 104 [illegible] 462	0	<0.5 462 104		-Gradual transition to slightly harder, more leucocratic/siliceous cgr BFP. Equant Pl phenos ~50%. Bi phenos <2mm 5-10%. Interst/equ sec groundmass Bi 10-20%.	747	.408	.22

Sa

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
239.27	242.32				Q_2Cp $Q_2(Cp)$ Q_2Cp					BFP	KSi3	20-25	0	med gy	7	3⁻	3	1.5 104 424	0	1.7 104		-As above - set of subparallel Q_2Cp/Q_2tCp vns (5-10 mm wide)	200749	.407	.25
242.32	245.36		244.20 IRREG CTC		Q_2Cp Q_2Cp Q_2					BFP	KSi3	25	0	med-dk gy	7	3⁻	3-4	1.5 104 424	0	<1 104 424		- As above. - Mixed rock (BFP + ZS xenos) in last 50 cm - Irreg lower CTC	750	.474	.33
					$B_2Cp(Cb)$ (Cb) B_2Cp vus/vnlts					ZS	KSi4	? 10	0	dk gy (black)	7	2-3	4	1.5 422	0	<1 422		- Very hard, dark gy-black str K-Si alt'd vfg massive ZS			
245.36	248.41		247.15 CTC 30		Q_2Cp vus/vnlts Q_2 (Cb) Py Cb Ch (Q) B_2Cp (Ch)					ZS	KSi4	? 10	0	dk gy (black)	7	2-3	4	420 1.5 422 420	0	420 <1 422 420		- Q_2Cp vus/vnlts network "yarn texture" - 247.15 - 249.15 mgr BFP dyke mod-str KSi alt	751	.347	.20
											KSi3	25	0	med-dk	7	2-3	2-3	1	0	1					
248.41	251.46		249.15 CTC 30 250.77		Q_2Cp Ch Ch B_2Cp vus/vnlts $B_2Fy(Cp)$ Cb					ZS (FFP)	KSi4	? 10	0	gy dk gy (black)	7	2-3	4	104 422 1.2 422 420	0	104 422 1 422 420		- 249.15 - 250.77 KSi4 alt'd massive vfg ZS - 250.77 - 252.17 mgr - cgr K3 alt'd, wkly mineralized BFP	752	.281	.14

From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
251.46	254.51		252.17		Cb; Cb; Q2CbCp; Cb					ZS	KSi,4, Ch 2 loc	10	0	dk gy (black)	7, 6 loc	2-3	4	1.2 420 422 104	0	<1 420 422 104		- 252.17 - 256.15 hard to very hard, magnetic, KSi alt'd vfg massive ZS. - Minor wk-mod Ch alt (253.50 - 253.86)	300753	.343	.22
254.51	257.56		256.15; ~45 (irreg)		Q2Cp vnlts; Cb Ch Cp					ZS		as		per	above										
					Q2Cp; Q2CpPy; Cb					BFP	KSi,4	30	0	dk gy (black)	7	3 2 loc	3	1.5 104 422	0	<0.5 104		- Str KSi-alt'd mgr BFP Fgr interstitial sec Bi dominantly.	754	.555	.29
257.56	260.60		258.40; 259.35		Q2(Cp); Q2Cp vnlts; Q2CbChPy; Q2(Cp); Q2; Cb					BFP	KSi,4	25-30	0	dk gy, Loc grn luc	6+ loc 5/7	2, 3 loc	3 4 loc	1.4 104 422	0	<0.5 104		- Mgr-cgr porph BFP - Ch-2 loc (257.30-258.40) affecting fgr sec Bi. - 258.40 - 259.35 Str K-Si alt'd ZS xenolith.	756	.456	.24
260.60	263.65				Q2Cp; ChPyCp; ChCb; Q2; Cb; ChCh Q2					BFP	KSi,4	30	0	dk gy	7	3	3	1.3 104 422	0	0.5 104		- Str K-alt, black fgr sec Bi sometimes obliterates porph texture. - diss Cp >> diss Py	757	.732	.38

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

Visual					Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
263.65	266.70		265.50 alt change		Qz±Cp Qz Cp Qz Cp Cb Qz					BFP	K5,4	35	0	dk gy (black)	7⁻	3	3	1.5 104 422	0	<0.5 104		- 263.65 - 265.25 As above - 265.25 - 265.50 ~3% xenolith. - From 265.50 mgr BFP: Euhedral prism Pl phenos ≤5mm 30%. Black Bi phenos ≤1mm 10%.. vfg diss? groundmass Bi	200758	.716	.37
											K3	25	0	dk/med gy	7	3	1	1 2 104	0	<1 104					~10%
266.70	269.75				Cp Qz (Cp) Cp					BFP	K3⁻	15	0 3 loc	med gy (blue-gy)	7	3	1	1 104	0	<1 104		- As above but lower groundmass Bi - 267.90 - 268.20 BFP, dyke sharp upper CTC 25°TCA, gradual lower CTC. - Increasingly calc down hole	759	.295	.15
269.75	272.80				Cb Qz±Cp±Py veins Py Cp Cb Qz Cb	Cb				BFP	K3⁻ K2 loc	15⁻ 5-10 loc	0 3 loc	med gy dk gy loc	7	3⁻	2	1 104 420	0	<1 420		- As above - Increasing sec Bi downhole	760	.189	.09
272.80	275.84				Cb Qz (Cp Py) Qz Py Cb Qz Cb Py Cp Qz Qz Cp					BFP	K3	25	2⁺	med gy	7	3	1	1.2 104 422 424	0	1 104		- As above.	762	.608	.53

SG

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
275.84	278.89		+ + + 277.84		Ca, QzCa, QzSe, KL					BFP	K3 (ch1 -loc-) (KL2 -loc-)	35	Ca 1 (loc. fract)	vdkgy	6+	2	1	1.2 104 102 300 200	0	0.9 104 300 102 200	0	M.G. BFP; As above - v. loc. KL alt'n (some fracts) & plag phenos - Cp > Py BFPA: 276.74-276.89m - Kg Alt'd.	200763	.443	.31
			− − ctc 25°		Ca, Qz, QzCa, Qz, Qz					ZS	KSi3	55+	Ca Vnlts	blk	7	1	1	0.9 104 300	0	0.5 104 300	0	F.G. Siltstone - Potassic - Silicic Alt'n - Nice diss. Min'n.			
278.89	281.94		− − 280.86		Qz, Ca, Ca, Ca, Ca					ZS	KSi3	55+	"	"	7	1	1	102 ↓	0	102 ↓	0	As above	764	.597	.23
			+ + ctc 30° 281.94		QzPyCp, QzCpPy, Qz, QzCaCpPy, Ca, QzCpPy					BFP	KSi3	45+	Ca Vnlts	blk/vdk.gy	7	2	2	1.0 104 300 102 420	0		0	M.G. BFP, As previous - Dk./strong potassic-silicic alt'n			
281.94	284.99		− − ctc 25°		QzCpPy, QzCa, Qz, Qz, Qz, Qa, Ca, Ca, Ca, PyQzCp, QzCpPy, Qz, CpPyQz, Qz					ZS	KSi3	45+	Ca Vnlts	blk	7	1	1	1.2 300 420 104 102 200 106	0	1.0 300 420 104 102 300 106	0	F.G. Siltstone - Dk. Potassic - Silicic Alt'n - Cp > Py - Nice diss. & Vnlt min'n.	765	.537	.17
284.99	288.04		− − 287.43		QzPyCp, QzCaCh, Ca, Ca, QzCa					ZS	KSi3 ±Ch, Se, ovprnt/fracts	"	"	blk / dk.grn gy	7(-)	1	1	"	0	"	0	As above - Increasing vnlts below 286.10m. = greater Ch/Se Alt'n associated - Biotite = vnlts	767	.521	.19
			Grad − −		Qz, QzCb, QzCb					ZS	Se3 (altd?) ch1	0	Cb2	lt. grngy	2+	0	2	0.7 300 104	0	0.5 300 104	0	F.G. Siltstn; Alt'n Se dom. Se3 Alt'n with zones & diss. [illegible]			

ISED

Pacific Booker Minerals Inc.

Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
			– – 288.69	gge	Qz; QzCb					ZS	Se3/4 / ArSe3 / cb3 / ch3	0	cb 3	It grn gy	2/1	0	2	0.7 420 300 104	0	0.7 300 420 104	0	As above			
288.04	291.08		+ + + + + + + ; Grad ctc 40°; 290.85 SeAr 290.98	gge	QzCaCpPy; Qz; Ca	288.84	288.90	VN	10° IR	BFP	K3 (SeAr3 -loc-) Ch1	45	0 / Ca Vnlts	blk / v.dk.gy	6-	1/2+ loc	3	5.0 444 442 104 300 102 420 200	0	3.5 444 442 300 104 102 420 200	0	M.G. BFP - Initially with weak SeAr ± ch overprint over strong potassic Alt'n. - 290.85-290.98m : SeAr Alt'n ± ks after plag phenos, - well min'd in irregular vein - semi-massive cp/py	200768	1.562	1.05
291.08	294.13		+ + + + + + + + + ; ArSc		QzCaPyCp; QzCaPyCp; QzCpPy; QzCaCpPy; QzCpPy; QzCb; Qz; QzCbPyCp; QzCb					BFP	K3 (± Si) (ArSc2 -loc-) (ch1 -loc-)	40	0 / Ca Vnlts	dk.gy / blk	6	"	3	2.0 442 440 104 300 420 200 102	0	1.6 442 440 300 104 420 102 200	0	M.G. BFP - Potassic Alt'n - Loc. weak ArSc, Vn-related alt'n - loc. chlorite alt'n adj to same vnlts	769	.770	.25
294.13	297.18		+ + + + + + + + +		QzCa; PyCp; QzCaCa; Qz; Qz; QzCaPyCp; QzCa; QzPyCp; QzCa; Qz					BFP	K3	35	0 / Ca Vnlts	dk.gy / blk	6+	2	1	1.2 104 300 420 102 440	0	0.8 104 300 420 102 440	0	M.G. BFP As above - 25% f.g. biot 10% c.g. biot (~1mm) BFPA : K3 Alt'd ; 294.48-294.64m	770	.188	.06
297.18	300.23		+ + + + + + + + + +		QzCa; QzSa; Ca; Ca; Ca; Qz; Ca; Qz; Ca; Qz; QzCb					BFP	K3 (Kf1 / Cb1 wk)	30	(cb1 -loc-) Ca Vnlts	dkgy	6	2	1	1.0 104 300 420 440 102	0	0.8 104 300 420 440 102	0	M.G. BFP - Overall strong potassic alt'n with weak Kf (alt'n of plag phenos) and cb alt'n, increasing down hole.	772	.125	.56

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Hole: MO-02-70

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
			300.85	sge	Qzcb Qzcb	—	—	—	—	BFP	K3 ch2	30	0	gr-sy	5+	1	1	1.2 42?/44	0	0.8 [illegible]	0	M.C. BFP - Potassic [illegible] ch. alt'n towards lower [illegible]			
300.23	303.28				Qzcb, Qzcb, Py Cp dz	301.67	301.68	GGE/CSH	60°	BFP	ArSe3 ch2 cb1 (kl1)	0	cb 1+	H. grn	3	0	1	0.8 104 420 102	0	0.6 104 420 102	0	M.C. BFP - Strong Clay-Carb (ArSe + cb + kl) with chlorite overprint. - pl. grn plag phenos	200773	.175	.05
303.28	306.32		305.50		Qzcb Py, Qzcb, Qzcb Py, QzCpPy, SpCpPy Qz, Qz Cb, Qz Cb	304.15 / 304.47 / 304.47 / 304.68	304.60 / 304.62 / — / 304.92	BLK/CSH / VN / SLK / VN	IR / 35-40° / 40	BFP	"	0	cb 1+	"	3	0	1	1.5 306 422 440 420 300 104 102	0	1.2 306 422 420 300 104 102	5.0 306	As above	774	.308	.18
			ctc 50° 306.07		Qzcb Sp PyCp	305.50	306.07	SHR VN	50°	SHR VN	NA	0	cb 5	lt y'gy	6+	0	5	0.8 448	0	1.5 448	Sp 4.0 448	Qz-Carb-Cl SHR VN			
			ctc 20°		Py Cp Sp As	306.07	306.87	SHR	20°					[illegible] gy				6.0		20	Sp 5.0	- Semi-massive Sulph: Incl. Py-Cp			
			306.87		Qzcb Cf			VN ≈MSPY	→30°	SHR VN	NA	0	cb 5	Sulph	6	0	5	448	0	448	As 8.0 448	- Sp-As; mod. open fractures;	775	.939	5.28 ICP
306.32	309.37		ctc 30°		Qz, QzCb, QzPyCp, QzCbPyCp, Qzcb, Qz, Qzcb	308.20	308.25	VN	20	BFP	ArSe2 cb2 kl2 ch2	0	cb 2	H grngy	4	0	2	0.7 104 102 300 420 440	0	0.6 104 300 102 420 440	0	M.C. BFP - Mod. clay-carb alt'n with strong chlorite overprint. Strong chl along fracts. - pl. grn ch/se plag phenos.	776	.241	.09
309.37	312.42				Qzcb, QzcbPyCp, Qzcb, QzcbPy					BFP	"	0	"	"	4	0	1	0.7 "	0	0.6 "	0	As above - below 310.55m; ch/se alt'd, pl grn plag. phenos.	778	.258	.09

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Hole: MO-02-70

From (m)	To (m)	Rec %	LITHOLOGY (Visual)	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
312.42	315.47		313.26 Grad		Qzcb Qzcb Qzcb Qzcb Qzcbcp					BFP BFP	ArSe2 Kb2 cb2 ch1 ArSe1 cb2 Kb1 (ch 1) K1 (bkgrnd) loc	0 <5	cb 2 cb 2	grnsy ylgrngy	4- 4+ (5)	0 0	1 1	0.4 104 440 300 1.2 104 102 300 200 400 440	0 0	0.4 104 440 300 0.9 104 102 300 200 420 440	0 0	As above M.G. BFP - Lesser clay alt'd relative to previous, with weak relict potassic alt'n. Carbonate alt'n strongest (as dis & 5mm) - Brighter from shr Vn alt'n source - Biot. increasing down hole	200779	.333	.13	ArSe
315.47	318.52		316.06 Grad		Qzcbse Qzcb Qz Qz Qzcb Qz Qz					BFP BFP	" ArSe2 Kb2 cb2 ch2	5 0	cb 2 cb 2	ylgrngy grnsy	4+(5) 3-4	0 0	1 1	• 0.9 104 102 420 300	0 0	• 0.8 420 104 300 102	0 0	As above M.G. BFP - Stronger clay-carb alt'n (ArSe + Kb + Cb) with chloritic overprint (pl. grn plag phenos + chl on fract surfaces). - Rel. to lower Vn	780	.627	.29	ArSe
318.52	321.56		{QzSe {QzSe		Qzcb Qzcb QzSe Qzcb QzPyCp CpPyQz QzcbPySp AsCp	321.17	321.56	SHR VN	30°	BFP	ArSe2 Kb2 cb2 ch2 (QzSe3 - loc.)	0	cb2	"	4-5	0	3	2.0 446 104 102 400 300	0	5.0 446 420 104 300 102	Sp 4.0 446 As 2.5 446	As above - Local QzSe3 alt'n BFP (silicified + Se ± Cb) SHR VN: 321.17-321.56m : cause of strong Alt'n	781	.549	.33	ArSe
321.56	324.61		322.15 Grad		Qzcb Qzcb Qz Qzcb Qzcb					 BFP	" K1 QzSe3 Cb2	0 <5	 Cb 2	" med gy (w patchy yl) loc	" 6+	0 0	1 1	0.9 104 420 1.1 102 104 420 300	0 0	0.7 420 104 0.8 420 104 300 102	0 0	As above M.G. BFP Principally K1 overprinted [illegible] QzSe ± Cb Alt'n (silicified)	782	.645	.29	K / QzSe

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
324.61	327.66		325.0 ~30°		QzCb	—	—	—	—	—	K1 QzSe3	25	Cb2	[illegible]	7	0	1	1.? 104	0	0.8 104	0	As above	200784	.429	.19
			326.12		Qz, QzCb, QzCb, QzSe					BFP	KSi3 QzSe3 Cb1	20+	Cb1	gy (±dkgy)	7	1	2	1.3 104 102 300 420	0	0.9 104 300 102 420	0	M.C. BFP - [illegible] Potassic alt'n with QzSe overprint. (1%) BFPA: 326.12-326.14; K3			
			ctc 60°		QzSe ± Py Vnlts; QzCp					ZS	KSi3 QzSe4	30	0	dkgy/gy	7	1	4	0.4 420 102 300	0	0.3 420 102 300	0	F.G. Siltstone - Potassic alt'n (ores) overprinted by QzSe alt'n.			
			328.03		QzSe, QzPyCp						"	30	0	"	7	1	"	"	0	"	0	As above			
327.66	330.71		ctc 35°		QzCb, Qz, Qz, QzCb, QzCa, QzSeCa, QzSe, QzSeCa, QzSeCl, QzCa					BFP	KSi3 (Ch1 -loc-)	25	Ca vnlts	dkgy (loc ± grn)	7	2	1	1.3 102 300 104 420	0	0.8 300 104 420 102	0	M.C. BFP - Nice Potassic - silicic alt'n, locally ± chlorite (assoc. ± and adj. to some units)	785	.352	.18
330.71	333.76				QzCa, Ca, Cb, QzSe, QzCa, Qz, Qz, QzCb, QzCb, Qz, Qz					BFP	KSi3 (QzSe4 -loc-)	25+	" / Cb1 -loc-	dkgy (incr gy dk)	7	1	1	0.9+ 104/6 300 102 420 300	0	0.5 300 104/6 420 102 300	0	As above - increasing QzSe alt'n dk	786	.359	.18
333.76	336.80		335.16 K3 336.00 K3 336.65		Qz, QzCb, QzSePyCp, QzCb, QzPy, QzSe, Qz, QzSe, QzSe	335.16 / 336.65	336.00 / 337.20	ZS / BFPA	40/25° / 32°	BFP	"	"	" / Cb1 -loc-	"	"	2	"	"	0	"	0	As above ZS: 335.15-336.00m: K3 / QzSe3	787	.445	.18

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
336.80	339.85	338.85 339.75	MFDY MFDY MFDY ArSe / KL / cb	58° 38° 38° 58°	Sccc Qzcb Qz Qzcb Qz Qz					BFP	K3 Cb1/Kl1 (ArSe3/4, cb3, KL3)	35	cb1 / cb3	dkgy / lt y'gy	7- / 1	2	1	0.7 (Avg) 104 102 420 300 200	0	0.7 (Avg) 104 420 300 200 102	0	M. G. BFP - Predominantly potassic alt'n, locally overprinted by weak cb and ch alt'n. - 338.85 - 339.75m: clay-carb alt'd zone; ArSe + Cb + KL MFDY: 336.80 - 337.20m; 338.48 - 338.77m; 338.93 - 339.00m; 95% chl + mafic min's	200788	.188	.06
339.85	342.90		KSi3 341.68 MFDY KSi3 K3 342.20 Grad		Qzse Qz Qzcb Qzcb Qz Qzcb cb Qzse	341.68 342.20	342.00 –	MFDY BFP	30° 50°	BFP	K3 (±Si) (cb1 loc)	35	0 / cb1	dkgy	7 / 6	2(+)	1	1.0 104 102 300 420	0	0.7+ 104 300 200 420 102	0	Similar to above, with overprint of Qz Se3 over potassic alt'n. @342.20m - 50° ctc to finer-grained and less siliceous BFP. Similar to BFPa, though with more plag's	790	.346	.16
342.90	345.95		344.90 GRAD 345.85 GRAD		QzMo QzcbCpPy Qzcb Cpmolyde QzcbPy PyQzcb					BFP BFP	Se3 (±Si) cb2 (K3 loc) (KL loc) K3 (cb1)	0 / 10 35	cb 2 cb 1	lt gngy / dkgy dkgy	6 6	0 1	1 1	" 422 1.0 104 102 300 420	0 0	" 422 0.8 104 300 420 102	Mo 0.2 422 0	M. G. BFP - Sericite and carbonate alt'n; locally with relict potassic alt'd zones with both mag. & ch (replaced) biot. M. G. BFP - Potassic alt'n (Relict K-alt'n relative to both upper & lower intervals) - Weak ch alt'n of plag phenos and biot	791	.196	.07
345.95	349.00		K3		Qzcb QzCpMo Qzcb Qzcb Qzcb Qzcb					BFP	Se3 Cb2 KL2 K3 (loc)	0 / 35 loc	cb 2	(gngy) / dkgy	5	0	1	1.0 104 102 300 420	0	0.5 104 300 420 102	Mo 0.2 420	M. G. BFP - Sericite and cb alt'n, with dev. of KL-alt'd plag phenos more +ok	792	.197	.08

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
349.80	352.04		349.80 CTC 20 350.40 CTC 30 352.15		Cb Cb QzCp ± Py Cb Sil-Cb					BFP ZS	Se 3 K2 K(2+Cb2) Se 3 Cb 3	0-5 0	2-3	lt drab (buff-gy)	4-6 4-5	0 0	4	0.7	0	1		- 349.00 - 349.75 [illegible] BFP [illegible] Se2+KE2 > K2 (5-10% Bi) - 349.75 - 349.80 [illegible] trans to MFDY - 349.50 - 350.40 [illegible] Se3 + K(3 + Cb 3 - 350.40 - 352.15 buff-gy / lt drab Se 3 + Cb 3 alt'd vfg ZS. Subparallel Cb vns [illegible], wk SHR 30° TCA	200793	.306	.10
352.04	355.09		CTC 30 353.50 IRREG		SCBx QzCbSp Py As Cb Cb	352.15	353.50	Qz(Cb) Sp Py As FVN	[illegible]	FVN MFDY	N/A (S,4) Ar 4 [illegible]	0	C-	beige-gy w/ mottled dk gy	3-7	0	N/A	0	0	10	As 2 Sp 5	- 352.15 - 352.65 [illegible] BFP wallrock frgs ~30%. - 352.65 - 353.50 Black silica vein + sulfides + minor white calcite. - Light Ar + Cb alt'd margins 50 and 20 cm wide. [illegible] 3 alt'd [illegible] 10%. Cb alt'd Act	794	.091	.37
355.09	358.14		IRREG 356.9 CTC 50	Ar	Qz CbAsPy As SpCbPo CbPy	[illegible]	356.90	FVN As Py	20-30	FVN/BFP BFP	Se 3 + KE 2 K3 relict	0	0	gy-gn	3-7 3-4, loc 6	0 0	4	<0.5 1	0	3 1	Sr 2 As 4 306 464	- [illegible] - 355.65 [illegible] massive [illegible] Cb - 355.65 - 356.90 [illegible] BFP (50%) [illegible] late Cb Sp Py vns [illegible] - 356.90 - 363.25 K3 alternating with [illegible] Se Ar + Cb alt related to late	796	.374	.71
358.14	361.19				Cb QzCp QzCp CbPy QzCbPyAs					BFP	K3 Se + K2				6 or 3-4	0	3	1+	0	1.5	As <1	Cb Py ± As [illegible] Both alt types as intervals 0.5-1m long - K3 : Se Ar = 1:1 - [illegible] Cp in both alt types - [illegible] Py mostly in Se Ar [illegible]	797	.458	.20

Hole: MO-02-70

Pacific Booker Minerals Inc.
Morrison Project

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
361.19	364.24		+ + + 363.25		Q2, Q2, C6, C6					BFP	K? [illegible] KC2 + Cb2	[illegible]	[illegible] 1	[illegible] gy	[illegible] 5	0	4	1.2 [illegible] 422	0	1 104 462		- As per above, cgr BFP K3 alternating with Sctr-Cb alt.	200798	.496	.20
			CTC 30		Q2 C6, C6, Q2±Cp vnlts					ZS			as	per	below							- From 363.25 Hard Q2Se alt'd massive vfg ZS.			
364.24	367.28		– – 366.35 + 366.95		Q2Cp, Q2Cp, C6, Q2Cp, Q2Cp, Q2Cp					ZS	Q2Se4 K3 [illegible]	0	0	drab (bu-gy)	5-6	0	4-5	1.3 442 462	0	[illegible]		- Minor (<5% vol) black K-alt relicts - Loc perv C6 haloes along Q2 and C6 vns: "yarn") - 366.35-366.95 K3 and SeAr+C6 cgr/mgr BFP, as per above	799	.475	.15
367.28	370.33		– –		C6±Cp, Q2±C6 vnlts					ZS	Q2Se4	0	0-1	drab (bu-gy)	5	0	[illegible]	1.2 462 442	0	0.5 442		- As above, no K-alt relicts [illegible] - Cp > Py	800	.472	.16
370.33	373.38		– –		C6±Cp vnlts, Q2Cp					ZS	Q2Se4	0	0-2	med gy	5	0	4	1.4 462	–	0.5 [illegible]		- Str-int Se-alt, mod silic'd vfg massive ZS - C6±Cp vnlts/vns network	802	.396	.11

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-70

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
373.58	375.21		375.21		QzCp; Cb; QzCp; Cb±Cp±Py "yarn"					ZS	QzSe4	0	0-2	med gy	5-6	0	5	1.4 462	0	0.5 462		- As above.	200803	.949	.12
			END OF HOLE!																						

sa

Pacific Booker Minerals Inc.
Morrison Project

Hole ID: MO-02-71	Nominal Collar Coordinates: 670 930 E ; 6119180 N						Hole Type: NTW		
Date Started (drilling, logging): May 17 '02 ; May 18 '02	Surveyed Collar Coordinates:						Material left down hole: casing		
Date Completed (drilling, logging):	Depth: surface	Depth: 13.72	Depth: 100.58	Depth:	Depth:		Base of strong oxidation: 5.56 m		
Contractor: Falcon Drilling	Azimuth: 270	Azimuth: 271	Azimuth: 271	Azimuth:	Azimuth:		Top of bedrock: 2.00 m		
Geologists: D. Hladky ; K. Lesnikov	Dip: -65	Dip: -63	Dip: -63	Dip:	Dip:		Purpose of Hole: grid drilling		
Section: 9180N Map Reference: 2002 addition	Survey Method: Sperry - Sun								

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Cv/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
0	1.52									OBD												- 0.00-1.52 Casing, no recovery - 1.52-2.00 Overburden, only a few pebbles recovered (10 cm) - NO SAMPLES.			
1.52	4.57		2.00 4.30 RUBBLE		Qz Cp Py Py	3.45	3.55	Qz Py Cp vn	5	ZS	Qz Ser 3 Lm 4	0	0	ochre	2-3	0	2	0.5 304 426	0	2 304 426	Lm 20	- Leached, porous, Lm stained massive vfg ZS. - 3.10-3.45 BFP dyke - Qz Py, Py Cp vns sub11 TCA - Blocky core at 2.00-3.00	200804	.405	.17
4.57	7.62				Lm Py Cp Qz Cc Py Cc Qz (Cc) Cp Py	5.00 6.65	5.15 6.85	Py Cp Qz (Cc) Py Cp	10 5-10	BFP	KS, 3, (Lm 3) Cb4 (Cc)	0-25	0	ochre, cream, dk grey	3-7	0	3+	0.5-1 306 428 104	0	3 306 428 104	Lm 10	- 4.30-~5.50 Gradualy decreasing Lm staining. Lm along rare frcs down to 24.50 m - 5.00-6.85 Qz Py Cp veining sub11 TCA. Pervasive Cc - From 6.85 very hard, str sil, mod K-alt'd rigr BFP. Bi phenos 10-15%.	805	.954	.21

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
7.62	10.67		9.60		sil $Q_2Py(Cl)$ (Cp) Py Q_2Cp perv Cb					BFP	KSi3	25	0	dk bu-gy	7	0	2-3	<0.5 10%	0	2.5 10%	Hm 0.5 10%	- Str sil, loc silica flooded mgr BFP Pl phenos ≤5mm 30-50% vol, mostly subhedral silicif'd. Coarse subhedral groundmass Bi, <0.5mm ~10% Euhedral Bi phenos <2mm 10-15%.	20 0 8 06	0.175	0.03
											ArSe3 + Cb3	0	0-3	buff-gy	2-4	6	3	0.5	0	3					
10.67	13.72		ArSe3 + Cb3 11.50		Q_2Py $Q_2Py \pm Bi$ Cb $Q_2Py(Cp)$ Cb					BFP	Cb3 (Kl4) KSi3	20	0	med gy	7	0	2	10% <0.5 10%	0	10% 42% 3 10%	Hm 0.5 10%	- 9.60 - 11.50 soft/loc mod hard, buff-gy clay-carb alt mgr BFP. Mod to str Kl alt'd Pl phenos. Se-carb alt'd groundmass and Bi. Perv Cb at 10.55. Grad transition at both CTCs - 11.50 - 14.15 KSi3 alt'd	807	.234	.09
13.72	16.76		14.15 alt dmg		$Q_2Cb Py$ Cb Cb Py Cb Py					BFP	Se Ar3 + Cb3 loc Si2	0	2-	buff-gy	4	0	3+	Tr 10%	0	3 10% 442		mgr BFP Grad lower CTC. - Str Se-alt, mod Kl-alt, mod carb-alt, loc wk sil. "Phyll halos related to late Cb Py veining (~10-20° TCA)	809	.556	.09
16.76	19.8				Q_2Se SHR Cb Py Si Cb S_2 Se Cb Q_2Py $Q_2(Cl)Py$ Cb Q_2Se	18.88	19.08	$Q_2(Cl)$ Py vug SHR	20-40	BFP	Se Ar3 (Kl3) + Cb3, Si2 loc	0	2	buff-gy	3-4	0	3	Tr 10%	0	3.5 10% 422 442 448		- As above - 16.95 - 18.88 Parallel, wkly SHR'd Q_2 vug set, generally 30° TCA - 18.88 - 19.07 SHR'd $Q_2(Cb)$ Py vug - Sheet (2cm) Ar Se4 interv at 17.65	810	.310	.11

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Cb/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86		21.45 alt chng 22.70	GGE GGE NF	Q_2Cp C6Py C6 C6 C6 C6					BFP	ArSe4 + C64 (Kl4)	0	2-3	buff	2-3	0	2	Tr 104	0	3 104		- Softer clay-carb alt'd mgr BFP.	200811	.169	.06
											KSi2	15	0	med gy	6	0	2	Tr 104	0	4 102 104		- Mod sil, wk K-alt. Bi pheocs ~10%. Groundmass Bi ~5%. - Buff Se haloes loc			
22.86	25.91		Q_2Se + Kl 24.50		C6(Q2)Py C6 C6 SHR C6Q2Py					BFP	KSi2, Q_2Se3 + Kl2 loc	15, 0 loc	0	med bu-gy, buff-gy loc	7- 5-7	0	1 2-3	Tr 102	0	3 102 444		- 22.70 - 24.50 hard, mod-str Q_2Se + wk K + mod C6? halos int C6Py vn in first 0.5m - 24.50 - 25.95 str Si, wk-mod K-alt'd mgr BFP	200812	.155	.06
25.91	28.96		25.95 Q_2Se+Kl 26.75 27.65 Q_2Se+Kl 28.25	Kl	$Q_2(C6)Py$ Py $Q_2Py(Cp)(C6)$ $Q_2Py(C6)$ $C6(Q_2)Py$ Q_2Bi	27.85	28.05	$Q_2(C6)$ Py Sp Mo vn	15	BFP	KSi2, Q_2Se3 + Kl2 loc	15-20 0 loc	0	med bu-gy buff-gy loc	7- 4-5 loc	0	2	Tr 444	0	4 102 42C 444		- As above; KSi2 alternating with Q_2Se haloes around late $C6(Q_2)Py$ veining. - Q_2Se3 + Kl2 at 25.95 - 26.75 and 27.65 - 28.25.	-813 -814	.443 .457	.19 .19
28.96	32.00		30.80 Q_2Se+Kl	Kl	C6 Mt Q_2Py C6 Q_2+Silc					BFP	KSi2+ Q_2Se3 + Kl2 loc	20 0 loc	0	med bu-gy buff-gy loc	7	2-3 3-5 loc	2	0.7 104 102	0	3 102 422	Mt 0.5 422	- As above. - Q_2Se3 + Kl2 at 30.80 - EOH. - diss Cp (cgr & mgr) in late all types - diss Py >> diss Cp.	-815	.393	.10

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
32.00	35.05		Se/cb 32.50; 33.20 Se/cb 34.00		QzPyCp; QzPyCp; Mt; QzAsPyCp; QzPyCp; QzPy/PyCp; QzSe PyCp; QzSe; Mt; QzPy	32.29 33.25 33.50	32.40 33.29 33.59	SHR VN SHR VN SHR VN	12° 12° 12°	BFP	KSi3 Se3 Cb2 KL1 (loc. vn rel)	30	0 / cb 2	dkgy / lt.gy	7/5	1+	3	0.6 424 300 104 420 102 200	0	2.6+ 422 420 106 104 424 300 102 200	Mt 1.0 422 As 0.8 424	M.G. BFP Principally Potassic-Silicic Alt'n, with zones of Vein-Related Se-cb-KL alt'n. - Py > Cp - Magnetite Vnlts. Diss. Ep (106) - 2% - 3%	200816	.264	.21
35.05	38.10		Se/cb		Mt; QzSePy; QzCb; QzCb; QzCb; QzCb; QzCb; QzSePy; QzPyMoCp	36.09	36.12	VN	15°	BFP	KSi3 (Se3) (Cb2) (KL1 -loc-)	25	0 / cb 2	"	"	"	2	0.6 200 420 424 300 104 102	0	2.5 106 424 104 300 420 102 200	Mt 1.0 422 420 Mo 0.5 424	M.G. BFP; As above	200817	.144	.03
38.10	41.15				Mt; QzPySeCp; QzCb; QzCb; QzCb; Qz; QzCb; QzCbPy; Mt; MtPyCpQz					BFP	KSi3	30	0	dkgy	7	1+	1	0.7 200 104 420 102 300	0	2.5 106 300 420 104 102 200 440	Mt 1.5 422 420	M.G. BFP - Potassic - Silicic alt'n - Py > Cp -	-818	.213	.06
41.15	44.20		41.29 Grad; ArSe cb KL; 43.35; Se cb KL		QzPy; Py; QzCb; QzCbPy; QzPyCpMt; CpQz; QzPyCp; ArSeCp	43.22 44.00	43.25 —	VN SLK	30° 30°	BFP	ArSe3 Cb2 KL2 (Se3) (Cb2) (KL1) (below 43.35) (K2 -loc-)	0 / 20 -loc-	cb 2	ylgy (Beige)	2/5	0	2	0.7 104 102 200 422 300	0	3.0+ 422 420 300 200 106 104 102 440	He —	As above M.G. BFP - Transition through cb Alt'n to Clay-Carb (ArSe+cb+KL) - Below 43.35m = General [illegible] Ar and reduction in KL and clay phenos. (to Se3-Cb2-(KL))	-819	.315	.12

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
44.20	47.24		45.80		QzCp Qz Qz QzHePy Qz	45.50	–	Slk	25°	BFP BFP	Sc2 (ArSe1) cb2 Kl1 -loc- K2 -loc- K3 (±Si)	0/20 -loc- 25	cb 2 0	Beige (y'gy) / dksy dksy	5(?) 7	0 1	2 1	0.6 104 102 300 420 200 106 0.8 104 300 420 102 200	0 0	2.0 106 104 300 420 102 200 2.0 106 104 300 420 200	0 He 1.5 104°	As above, Less Argillic alt'n, more Sc, with local Potassic - Vein-related w.c. BFP · Potassic Alt'n (±Silicic) - F.C. Biot ≈ C.G. Biot ~10% – 15%	200821	.241	.06
47.24	50.29				QzPy QzSePy QzHe/Qz PyCp Qz QzSePy Qzcb QzPyCp					BFP	K3 (±Si)	30	0	"	7	1	1	0.8 104 102 300 420 200 106	0	3.5 106 104 300 420 200 102	He 1.5 104 424	- @ 46.53m - ctc (IR) btw upper slightly finer grained and more biotitic than lower. - upper = younger (chilled margin) As above	-822	.263	.08
50.29	53.34				QzHe Qzcb PyQz QzSePyCp					BFP	K3 (±Si) / K4 (ZS)	30	0	"	7	1-2	1	1.2 104 102 300 420 200 106	0	2.5 104 106 300 102 420 200	"	As above - BFP Py > Cp ZS Cp >> Py ZS: 53.20-53.75m - K4 u/L ctc's @30°	-823	.320	.12
53.34	56.39				ChPy Qz Qzcb QzMo QzMoCp Qzcb QzPyCp					BFP	" Ch 2 -loc-	35	0	"	7	1-2	1	"	0	"	Mo 0.2 420	As above ZS: 55.70-56.47m - K4 u/L ctc's @ 60°	-824	.557	.22

Hole: MO-02-71

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
56.39	59.44				Qzse; QzSePy; Qzcb; PyCp; Qzcb; Qzcb; PyCp/QzPyCp					BFP	K3 (±Si) / K4 (±S)	35/70	0	dkgy	7	1	1	0.7 104 200 300 102 420 106	0	2.0 106 104 200 300 420 102	0	M.G. BFP - Potassic (s.s.) Alt'n; as above. Py > Cp - Diss. ZS: 58.25 - 58.60 - K4 (+Ne) 59.13 - 59.70 - K4	20826	.410	.12
59.44	62.48				PyCpQz; Qz; QzPy; QzPy; QzPyCp; QzSePy; QzMoPy	62.48	—	SLK	35°	BFP	KSi4	40	0	dkgy - blk	7	1	1	0.9 104 102 200 300 420 106	0	3.0 106 104 300 200 105 420 102	Mo 0.2 420	As above	-827	.377	.11
62.48	65.53		BFPA 65.53		PyCpQz; QzPyCp; QzCpPy; Qz; QzCpPy; Cb; Qz; Qzcb; QzCpPy; Qzcb; Qzcb					BFP	KSi4	40	0	dkgy - blk	7	2	1	1.5 104 102 420 300 200 106	0	2.0 104 300 420 102 200 106	0	As above - better Cp. BFPA: 65.00 - 65.14m - <10% plag. phenos in f.g. g.m. - f.g. min'n	-828	.531	.19
65.53	68.58		BFPA; BFPA 68.48; ~60°		Qzcb; Qz; Qz; QzCb; Qzcb; Qzcb; Qzcb					BFP	KSi4 (±Si)	40	0 / Ca (loc. BFPA)	"	7	2	1	0.4 102 104 200 300 420	0	1.2 102 104 300 200 420	0	As above - Loss (Rel.) of min'n below 65.53 - Greater BFPA?	-829	.062	.01
										BFPA	KSi4	60+	0	blk	7	2	1	<0.2 102	0	[illegible] 102	0	Aphan. [illegible] BFP [illegible]			

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
68.58	71.63		69.67 60°		Qzcb, Qzcb, Qzcb					BFP$_A$	KSi4	70	Ca 1	blk	7	2	1	tr 104 102	0	<0.2 104 102	0	Aphanitic BFP - 10-15% plag phenos (1-2.5mm) in bio + mag-rich gm	200831	.210	.07
					Qz, Qz Py, Qzcb, Qz					BFP	KSi4	45	0	dksy-blk	7	1	1	0.6 104 102 302 300 420 200	0	2.5 106 104 302 300 420 102	0	M.C. BFP Potassic-Silicic Alt'n Py > Cp Diss Ep. (106) ~2-3%			
71.63	74.68		} se/cb		QzcbPyCp, Qz, Qz, Qz, QzPy, QzPy Moly, Qzcb	71.84	71.92	VN	35°	BFP	KSi3 (Se2 cb2)	45	0/Cb 2	"	7	1	2	"	0	4.5 106 108 104 300 302 102 420 200	Mo 0.2 422	M.C. BFP; As above Py >> Cp	200832	.102	.09
74.68	77.72				Qzcb, Qzcb, Qzse/Qzcb, Qzse Cp					BFP	KSi3	35	0	"	7	2	1	0.4 "	0	"	0	M.C. BFP; As above - Poss. BFP$_A$ btw 75.67-76.98m ~15% plag phenos vs. 65% plag in lower int - Generally strong potassic alt'n, though weak Cu Min'n	200833	.113	.02
77.72	80.77		78.89 cb-KL-se 79.57		QzMoPyCp, QzMoPyCp, Qz, Qz, QzcbCpPy, Qzcb	78.90 79.33	78.92 79.35	Qz VN, SHR VN	22° 33°	BFP	KSi3 (Cb3 KL2 Se2)	30	Cb 3	" / lt brn (beige)	7/5	1	1	0.3 102 442 422 104 300	0	"	Mo 0.3 422	M.C. BFP; As above - Distinct loss of Cp (?), though (pale) Py remains strong, rarely [illegible] 04-106 blebs	200834	.111	.04

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
80.77	83.82		+ + + + + + + + +		Qzcb QzcbPy cp Mt	82.53	82.54	SHR VN	50°	BFP	K_3 (±Si) (Se, ch, wk loc. kl, loc.)	25	0	med-dk gy	6+	1(-)	1	< 0.3 102 104 300 442	0	3.5 106 108 300 104 442 420 102	Mt 0.5 300 Ep	M.G. BFP Potassic Alt'n (±Si - relative to upper intervals) - increase in diss (106/108) Epidote - 2-3%+ - Not as dark as previous intervals; weak se-ch Alt'n - loc. v. weakly kaolinized plag. phenos.	200835 / -836	.103 / .103	.02 / .01
83.82	86.87		+ + + + + + + + +		Mt Mt Ca Ca QzcbPy					BFP	K_3 (±Si) (ch, loc.)	35	Ca vnlts	dk gy	6+	2(-)	1	0.4 102 104 300 440	0	〃	Mt 1.0 300 Ep	M.G. BFP; As above - Incr. in biot & darker in color overall Diss Ep - 4%+	200837	.179	.03
86.87	89.92		+ + + + + + + + +		QzPy/Ca Qz Py Py Pycp Ca Qzcb Py					BFP	KSi_3 (±Si) ch,	40	1	〃	7	2	1	0.3 102 104 300 420	0	4.0 106 108 300 104 440 420 102	0 Ep	M.G. BFP; As above - Biot. in G.m. generally dk gy & f.g. (~25%); c.g. biot. v. black and well formed (1-3mm diam) Diss Ep 4-5%+ 108/106	-838	.230	.04
89.92	92.96		+ + + + + + + + +		Ca Ca Ca Ca Ca Ca					BFP	〃	35	0	〃	6+	2	1	〃	0	〃	0 Ep	M.G. BFP; As above Diss Ep 2-3%	-839	.084	<.01

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Hole: MO-02-71

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
92.96	96.01		weak Kl		QzPy; QzPyCp; QzPy; QzCbPyMo; Ca	94.21	94.22	SHR VN / Sch	35°	BFP	K_3 (±Si) Ch₁ Kl₁	35	0 / Ca Vnlts	dkgy	7	1	1	0.3 104 102 300 430 442	0	3.5 106 108 104 300 102	Mo 02 442 Ep	MG BFP - Dark, potassic Alt'n, with local, slight kaolinitization of plag phenos, mostly silicified - Qz vnlts of dkgy qz - f.g. biot <10% c.g. biot - 25% - weak chl alt'n of plag (b) Diss Ep	200-840	.172	.05
96.01	99.06		Arsc-Cb		Qz/Ca; Ca; QzPyCp	98.95	98.97	Qz Vn	37°	BFP	K_3 (±Si) Ch₁ (Arsc, Qz, Kl)	35	0	dkgy	7	2	1	〃	0	〃	0 Ep	As above - weakly chloritic plag. ~~phenos~~ (pale gr) & chl often on fract. surfaces	200841	.08	<0.01
99.06	102.11		weak Kl		Qzcb; Qzcb; QzCa(?)					BFP	K_3 (±Si) Ch₁ Kl₁	35	0	dkgy	7	1	1	〃	0	〃	0 Ep	As above	-843	.068	.01
102.11	105.16				Qz; Qz; Qzcb; Qzcb; QzMoPyCp	104.34	104.35	SHR VN	30°	BFP	K_3 (±Si) Ch₁ Kl₁	30	0	dkgy (loc gy)	7-	1	1	0.3 102 422 300 104	0	3.0 106 104 300 108 432 440 102	0 Ep	As above	-844	.075	.02

Hole: MO-02-71

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str. From (m)	Str. To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
105.16	108.20		106.05 Se-Cb-Kl 106.90		Qz Qz; Py Qzcb; QzPy; QzSePy	106.22	106.30	SHR VN	40°	BFP	KSi3 (±Si) Se2 Cb2 Kl1	30	0/cb 2	med-dkgy / (ylgy)	7/5	1/0	2	0.3 102 104 446 300 440	0	6.9 446 104 106 108 300 440 420 250 102	0	MG BFP - Principally Potassic - Silicic alt'n, with a general decrease in silica below 106.05	200845	.152	.06
108.20	111.25		Se Cb Kl; Se/cb/Kl		QzSe; QzcbPy/Qzcb; Qzcb; Qz; QzcbPy Qzcb	108.64	108.81	SHR FOL/ VN's	35°	BFP	K3 (±Si) Cb2 Se2 Kl1	25	0	Beige (orngy) / med gy	6/7	0/1	2	0.4 104 300 102 440	0	3.5 106 108 300 442 440 102	0	As above Principally Potassic alt'n (± Silicification) with a prominent zone of SHR/SHR-VN related Cb-Se-Kl alt'n (weak)	200846	.132	.04
111.25	114.30				Qzcb; Qzcb; Qzcb; Qzcb					BFP	K3 (±Si)	30	0	med-dk gy	7	2	1	0.5 104 106 300 420 200 102	0	0.4 106 104 300 420 440 102	0	As above · Increasing diss Cp (104/106) · Rel. w/ Decreasing diss Py Py > Cp - Due to subtle [illegible] shift @ ~ 113.0m	-847	.147	.03
114.30	117.35				Ca; Ca; Ca; Ca; QzcbPy/Ca					BFP	K3 (±Si)	30	0/Ca Vnlts	dkgy	7	2	1	0.6 "	0	0.5 "	0	As above	-849	.162	.04

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Structures: Str Type	Structures: Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
117.35	120.40				Cb Py Cb (Q2) Py					BFP	K3-	20+	0	dk gy	6+	3-2	1	0.9 104 106	0	0.5 104		- Mgr - cgr BFP; prismatic Hb pheno's av = 0.5mm max = 1cm 30-50%. Black Bi pheno's ≤2mm, 10-15%. Some Bi after Hb Granular ground mass Bi < 0.5mm, 10-15% - diss Cp > diss Py	200 850	.197	.04
120.40	123.44		122.00 BFP$_A$? 123.20		Cb Q2 Cp Q2 Cb Py					BFP	K3- Cb 3 loc	20	0 2 loc	med-dk gy, dk gy-gy loc	4-5	2 3 loc	1-2	0.5 104	0	1 104 106		- As above - 122.00 - 123.20 BFP$_A$ or perv mod Cb alt, vfg groundmass and rare Cb alt'd mafic pheno's. Reg upper CTC at 20° TCA (or Q2 VN). Gradual/irreg lower CTC, mixed with BFP from	-851 122.30 - 132.20	.309	.08
123.44	126.49				Q2 Cp Q2 Cb Cp Cb					BFP	K3	20	0-2	dk gy	6	1-2	1	<0.5 104	0	2 104 106		- As above	-852	.222	.05
126.49	129.54				Mt Hm Cp Cb Q2 Cb Q2 Cb (Py)	Py Cb				BFP	K3	20	0-2	med gy	6	0-2	1-2	<0.5 104	0	2- 104 1% 464	Mt 0.5 464 Hm <0.5 464	- As above	-853 -854	.213	.04

SG

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
129.54	132.59		131.05 alt chng		Qz Cb CbPy QzCbPy PyCbSf					BFP	K3 ArSe3 + Cb3 (KC3)	20 0	0 3⁻	medgy buff	7 4	0-2 0	1 2⁺	Tr 106 <0.5 104	0 0	2 104 2 104 464	 Hm 0.5 104	-As above -Mod hard clay-carb alt'd mgr BFP. -Increasing KC-alt downhole	200855	.282	.10
132.59	135.64				Qz(Cb)Py Mo CbPy QzPy PyCbQz					BFP	ArSe4 + Cl3 (KC4)	0	3⁻	buff	3	0	1-2	Tr 106 104?	0	3 104 105 446	Mo Tr 424	- Soft, calcareous clay-carb mgr BFP. White kaol alt'd Pl and beige carb-alt'd Bi/groundmass.	-856	.249	.07
135.64	138.68				QzCp Cl QzCpPy(Cb) Cl(Py)					BFP	ArSe4 + Cl3 (KC4)	0	3	buff	2-3	0	2⁺	<0.5 104 422	0	2.5 104 462		-As per above	-857	.174	.03
138.68	141.73				QzPyMo(Cl) QzPyCp ClPy QzPy CbQz(Py)					BFP	ArSe4 + Cl3 (KC4)	0	2-3	buff	3 4 loc	0	2-3	<0.5 104	0	2 104 462 442	Mo Tr 442	-As per above.	-858	.185	.04

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
141.73	144.78		142.00 K-alt 142.40 143.50		CpPy; QzPy; Cb; Cb; Cb; Cb; QzCpPy					BFP	ArSe3 + Cb2 K3 loc KSi3	0 25 25	2 0	buff dk gy loc dk-med gy	2-4 7	0 0	2-3 2	<0.5 104 <0.5	0 0	2 104 2.5		- As above - K3 alt at 142.00 - 142.40 - 143.50 - 145.75 Very hard sil K-alt'd mgr - cgr BFP Black Bi phenos 10-15%.	200859	.319	.05
144.78	147.83		145.75 BFPA 147.50 alt chng		QzCbPyCp; QzCb; Qz(Py); Cb(Qz)Py; Cb					BFP BFP$_A$	KSi3	20	0	dk gy-gn	7	3 loc 0-2	2	104 Tr 422	0	104 2 104 102		- 145.75 - 147.50 Very hard sil BFP$_A$. Aphanitic (fgr) groundmass, Bi phenos 5-10%. Ghost Pl phenos 5mm across, 10-20%	-861	.114	.04
147.33	150.88		CTC? 5°		Qz(Cb)Py; Cb; Cb; CbQzSePy Cp; QzPySe Cl FVN	150.40	150.50	QzPy SeCb FVN	40°	BFP$_A$	ArSe4 + Cb4 (KCl4)	0	2 3 loc	buff (beige)	3+	0	2-3	<0.5 104	0	2.5 104 448	Mo TT 104	- 147.50 - 152.70 buff-beige clay-carb alt'd mgr - cgr BFP. - 150.40 - 150.50 Black silica + minor Cb FVN No wallrock frgs - 152.30 - 152.35 Sheared late Cb Py vein.	-862	.272	.13
150.88	153.92		152.70 alt chng		CbPy; Qz; Op; CbQzPy; Py; CbPySe; QzCbPy; QzPy; QzCbPy	152.30	152.35	CbPy Se/SHR	30	BFP$_A$ BFP$_A$	ArSe4 + Cb4 (KCl4)	0 as	2 per	buff (beige)	3 below	0	3	<0.5 104	0	3 104 466		- Pl phenos content ≤15%. same as in BFP$_A$ above and below - K3 alt'd mgr BFP$_A$	-863	.340	.29

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Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
153.92	156.97		156.35 ArSe		Qz Cb Py; Cb Py; Cb; Cb vnlts; Cb					BFP$_1$	KSi3	20 ?	0	dk gy-black	6-7	1-3	2	0	0	1+ 104 444		- Hard to very hard dk gy Si & K-alt'd BFPA. Pl phenos <5mm ~15%. Black Bi phenos <2mm ~10%. fgr groundmass approx 10% Bi - Weakly mineralized diss Py only.	865	.119	.03
156.97	160.02		157.45		Cb; Qz Py Epi Sil Cb; Cb Qz (Py); Qz (Cb) Py Cp					BFP$_1$	KSi3	20 ?	0	dk gy-black	6-7	1-3	2	Tr 104?	0	1.5 104 442		-156.35 - 157.45 Str clay carb alt (soft, buff-beige, calcareous)	866	.134	.12
160.02	163.07				Cb; Cb; Cb; Cb Qz Py; Cb Qz Py	163.15	163.26	Py Qz	25	BFP$_1$	KSi3	20 ?	0	dk gy-black	6-7	0-2	2-3	Tr 442	0	1.5 104 442		-As per above	867	.192	.10
163.07	166.12		163.40 CTC 15; 165.30; .TC 40		Py Qz Sil; Cb Se SHR; Cb; Cb Sx SHR	165.30	166.40	Cb Se SHR	30	MFDY; BFP	Se3 + Cb3 src	0	0-1	lt drab (beige-gry) dk gy-grn	5-7	0-3	1	0	0	0		-Light, calc, Se-alt'd margins 50cm wide. Very hard fgr purpl core with Cb alt'd mafic phenos (actinolite?) -White carb alt'd mafic phenos in margins	868	.087	.49

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Visual				Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
166.12	169.16				Cb Se SHR Cb Se SHR Qz Qz Py (Cb) Cb Se SHR	168.75	168.85	Cb Se SHR	25	BFP_A	Se 3 + Cb 3 Qz Se 4 loc	0	0-3	buff-gy	3-6	0	2-3	0	0	3 104 464 466		- Dominantly softer, wk-mod calcareous Se + Cb alt'd BFP_A. Locally (~30% of the interval 167.50-168.50) hard siliceous mucalc Qz Se-alt. - 2 shr systems in first 1.5m.	200 869	.205	.12
169.16	172.21		169.35 CTC 3c 171.10		Cb Se SHR Cb	169.30	169.35	Cb Se SHR	30	ZS	Se 3 + Cb 3	0	0-3	lt drab	3	0	3+	0.5 104	0	2 460 104		- Soft, lt drab Se + Cb alt'd vfg ZS. Perv silic + diss Cp loc. Py ≫ Cp. - Minor Bn loc in last 25cm KSi relicts!	-871	.212	.07
			CTC 7c = alt chlng		Cb Py Cb					BFP	K 3	25	0	dk gy	5	0	2	0.6 104	0	2.5 104		- 171.10 - 175.55 texturally but similar to BFP_A above v grained groundmass, diss Cp and			
172.21	175.26				Qz (Cb) Py Cp Qz Py Bz Qz Cp Cb Py Cb (Qz) Py					BFP	KSi 3	25	0	dk gy-black	7	0-2	2	0.6 104 424	0	2.5 104 424 444		Qz Cp stringers. PC pheurs ≤ 5mm, <20% Bi pheurs ≤ 1mm, ~10%.	-872	.385	.10
			175.55 CTC		Cb Py Qz Py Cb Cb vnlts Py					ZS	Se 4, Qz Se 4 loc	0 Tr loc	0-1	lt drab gy	4-7	0	3	0.5 440	0	2 462 424 104		- From 175.55 Se-alt'd vfg massive ZS. - 175.55-176.00 very hard Qz Se 4. Bn loc (vfg sec Bi?) along Cb vnlts	-873	.201	.07
175.26	178.31																								

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	Visual: FRACT	Visual: VEINS	Structures: From (m)	Structures: To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
178.31	181.36				QzSe ±PyCp vnlts PyCpQz PyCpQz					ZS	QzSe4 cb1 (Se2 cb3 KL1)	0	cb 1 / cb3	med ylgy	6	0	2	0.4 420 900 104 102	0	0.4 300 420 700 104 102	0	F.G. Siltstone - Quartz-Sericite alt'd - Min'n primarily due to Vnlts. BFP: 180.38 - 180.95m : Se2, Cb3, KL1 u. ctc ??; l. ctc ~50°	200874	.260	.11
151.36	184.40		182.60		PyCpQz QzCbCp "					ZS	QzSe4 cb1	0	cb 1	"	6	0	2	"	0	"	0	As above	-875 / 876	.388 / .386	.12 / .12
			ctc 60° 184.41		QzCpPy Qz	183.44	183.46	SHR VN	21°	BFP	QzSe4 cb2 KL2 (QzSe3) ch3	0	cb 2	ylgy	6	0	2	0.7 102 104 300 422 420	0	0.6 104 102 422 300 420	0	M.G. BFP - QzSe4 alt'd w Cb and mod KL alt'n of ?? phenos. - towards lower ctc = development of QzSe3 - Cb2 - KL2 (clay-Carb) - ch3 @ alt'n ctc			
154.45	187.45		Grad ch3 QzSe Cb QzSe Cb		QzSe Qz QzPyCp QzSePyCp PyCpQzCb QzCbPyCp QzCbPyCp CaPyCh	185.69	185.72	VN	25°	BFP	KSi3 QzSe3 Cb2	30 / 0	0 / cb 2	blk / gy	7 / 6	1 / 0	2	1.6 306 442 440 420 104 102 200	0	6.0 306 442 440 420 104 102 200	0	M.G. BFP - Principally Potassic - Silicic alt'n, with zones of Un-related QzSe + Cb alt'n.	-877	.671	.29
18745	190.50				QzCb QzMo QzPyCp QzCbPyCp QzCp Qz QzPyCp QzPyCp PyCp					BFP	KSi3	40	0	blk -dkgy	7	1	1	0.8 104 102 106 300 420 440		0.7 104 102 106 300 440 420	Mo 0.2 422	N.G. BFP - Potassic - Silicic Alt'n - Dk grey - blk - v ?? min'n ; cp > py	-878	.618	.15

Hole: MO-02-71

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Morrison Project

From (m)	To (m)	Rec %	LITHOLOGY (Visual)	FRACT (Visual)	VEINS (Visual)	From (m) (Structures)	To (m) (Structures)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
190.50	193.55				Qz; Qzch; QzSePyCp; PyQzCp; QzCpPy; QzPyCp; QzPy; QzMo					BFP	KSi3	40	0	blk-dkgy	7	1	1	0.8 102 104 300 200 420 440	0	1.5 422 420 102 104 300 440	Mo 0.3 424	M.G. BFP - Potassic-Silicic Alt'n - v.f.g. min'n; cp>py (diss.)	200879	.560	.16
193.55	196.60				QzPyCp; QzSePy; QzSe; Qz; QzSe; QzSePyCp; Ca; Qzcb					BFP	KSi3 (ch1 towards EOI)	35	0	"	7	1	1	"	0	"	0	As above, - Weak chl alt'n development towards EOI (below 196.30m) - Decreasing biot. [illegible]; primarily due to other [illegible]-related alt'n.	-880	.282	.07
196.60	199.64		Qzse cb		Qzcb; QzCpPy; PyCpQz; QzPyCp; QzPyCp; QzCpPy; Qzcb; PyCpQz; PyCpQz					BFP	KSi3 (Qz Se2 cb2 Kt2 [illegible])	25	0 / cb1-2	dkgy / ltgy	7-	1/0	1+	1.0 300 302 104 102 422 420 200	0	2.0 302 300 104 422 420 102 200	0	As above;	-881	.467	.18
199.64	202.69		Qzse cb; Arse/chl 201.76 Grad	gge	Qzcb; QzSePy; Qzcb; QzPyCp; Qzcb; QzSe					BFP	KSi3 (±Si) (QzSe2 cb2) (ArSe3 ch3 Kt3)	20	0 / cb 2	gy / dkgr / ltgy	6+ / 3	0	1+	"	0	"	0	As above - local zones of [illegible]-related QzSe + cb Alt'n and Clay-Carb + ch (ArSe + cb + ch)	-883	.176	.04
				gge	QzPy; Qzcb					BFP	ArSe2 Cb2 Kt1 ch1	0	cb 2	Beige (ylgy)	4	0	1	0.2 104 102 300	0	0.7 300 104 102	0	M.C. BFP; Development of Clay-Carb Alt'n - ArSe + cb + [illegible] with weak ch			

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
202.69	205.74				Qz Py Qz Py Cp Py Qz cb Qz Qz cb Qz cb Qz cb Qz cb Py Sp Cp Qz	205.43	205.50	MSPY VN	60°	BFP	ArSe3 Cb3 KL3	0	cb 3	y/gy	3	0	2	1.0 306 442 440 104 102 300	0	10.0 306 442 440 104 102 300	Sp 1.0 306	M.G. BFP - Clay-Carb Alt'n (ArSe3 - Cb3 - KL3) MSPY VN: 205.43-205.50m Py = 85%; Cp = 3%; Sp = 4% Qz = 8%	200884	.208	.33
205.74	208.79				Py Qz Qz Qz Py Qz Qz cb Qz cb Qz Se ± Py Vnlts					BFP	ArSe3 Cb3 KL2 (Se3 ZS)	0	Cb 3	y/gy (w grn tint)	3	0	1	0.4 104 102 300 420 440	0	0.6 300 104 102 420 440	0	As above; ZS: 208.38-209.09m - Se3 Alt'd	-885	.353	.14
208.79	211.84				Py Qz Se Qz Se ± Py Vnlts Py Cp Qz					BFP	ArSe2 Cb2 KL2 (Se3 ZS)	0	Cb 2	y/gy (Beige)	4	0	1	"	0	"	0	As above ZS: 210.72-211.46m; 211.70-211.98m; SED: 210.72-214.60m; 215.89-217.64m	-886	.405	.12
211.84	214.83		212.55	CSH	Qz Cb Py	212.43	212.45	SHR/CSH	20°	BFP	"	\	"	"	5	0	1	"	0	"	0	As above;	-887	.446	.31
			CTC 32		Py Py Cp Qz Py Py Py Qz cb					SS	Si4 (Se3 ZS)	0		lt. gy	7	0	1	0.6 102 104 300	0	0.7 102 300 104	0	C.G. Sandstone - Silicified - Grains generally 1mm ZS: 214.36-214.60m; Se3 Alt'd.			
			214.60 CTC 35							BFP	ArSe2 Cb2 KL1	0	Cb3	y/gy	4	0	1	0.4 104 102 300	0	0.5 300 104 102	0	M.G. BFP; As previous			

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
214.88	217.93		214.88 GRAD / 215.89	38°	Cb / QzPyCp					BFP	K3 Ch3	40	0	dksy	6	1	1	0.5 104 102 300	0	0.5 104 102 300	0	M.G. BFP - Potassic alt'n, sl fding to near massive Ch @ [illegible]	200889	.320	.06
			Grad / 217.64 / CTC 60°		Qzcb / QzSe ±Py Vnlts / QzcbPy					ZS	KSi3 QzSe3 Ch2 Se3	35	0	dksy/grnsy	7/3	0	1	0.6 102 104 300 200 420	0	0.5 104 102 300 200 420	0	F.G. Siltstone - Principally Potassic-Silicic alt'n with, initially sericite, to Qtz-Se alt'n.			
217.93	220.98		220.44		Qzcb / Qzcb / QzSe / Qzcb / Qzcb					BFP	KSi3	35	0	dksy	7	1	1	0.7 102 104 300 420	0	1.2 106 108 104 300 420	Ep	M.G. BFP - Potassic Silicic Alt'n. Diss Ep 106 [illegible]	200890	.248	.10
			CTC 30°		PyEpQz / PyCbQz / QzPyCp					ZS	KSi3		0	dksy/				1.0 300 300	0	2.8 300 300	0	[illegible]			
220.98	224.03		221.55		Qzcb QzSe / QzPy [illegible]					ZS	QzSe4	35	0	sy	7	1	1	[illegible]	[illegible]	[illegible]		- Alt'n [illegible]			
			CTC 40° QzSe / QzSe		Qz / Qzcb / QzCb / Qz / QzPyCp [illegible]	223.61	226.62	Ch R VN	12°	BFP	KSi3 (QzSe) [illegible]	35	0	dksy	7	1	1	1.0 104 102 300 106 200	0	2.0 422 104 106 300 200 102	0	M.G. BFP [illegible] ZS: 222.93-223.25m [illegible]	200891	.391	.12
224.03	227.08		226.20 [illegible]	02°	Qzcb / Qz / QzSeCpPy / Qz / Qzcb					BFP	KSi3 Ch [illegible]	35	0	dkgy	7	<1	1	"	0	"	0	As above - Below 225.60m = sharp increase in ch [illegible] the lower [illegible] etc.	200892	.423	.12
										BFP	ArSe3 Cb3 Ch [illegible]	[illegible]	Cb3	med ylgy	4	0	1		0		0	[illegible] BFP [illegible]			

K
Sc
K ARSE

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Morrison Project

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
227.08	230.12		>cb 228.60 <cb		Qzcb Qz Qz QzSe QzCb Qzcb Qz Qz					BFP	ArSe1 Cb3/2 KL1 ch1 (QzSe2)	0	cb 3-2	([illegible]) y/gy	4+	0	1	[illegible] 104 102 300 420 200	0	[illegible] 420 104 102 300 [illegible] 106	0	[illegible] BFP - [illegible] @ 228.60m relative loss of cb from cb3 to cb2 (45-<20%), with an increase in KL-Alt'n - ch on fract. surfaces	200893	.447	.12
230.12	233.17		<cb	gge	QzCpMoPy Qz Qz Qz QzPyCp Qz (Mo) Qz([illegible])	232.83	232.[illegible]	VN	10	BFP	ArSe2 cb2 KL2	0	cb 2	(H y/gy	4	0	1	0.5 104 102 300 420	0	0.4 104 300 420 102	Mb 0.2 422	As above BFPA : 230.75 - 231.13m - cb4 + KL2 ; Barren	200895	.362	.09
233.17	236.22		233.50 >cb	csh	Qz QzCpPy PyRecbCp QzC[illegible] QzCb	233.62 232.90 233.47 235.77	232.90 233.04 233.55 235.79	FLT VN SHR VN (Semi-MSPY) SHR VN [illegible] CSH	20° 20° [illegible] [illegible]	BFP	QzSe4 Cb3 ArSe2 KL1	0	cb3	y/gy	5/3	0	3	1.0 446 104 102 420	0	10.0 446 104 300 420	0	- Trans. to dominantly Qz+Se Alt'n (~233.50m) - Vn/Tectonizm-related increase in cb and decrease in KL alt'n. FLT VN: BFP Breccia in Qz + Graph. [illegible] SHR VN [illegible] Py in QzCb	-896	.292	.44
236.22	239.27		>cb 238.65 <cb	minimage	Qzcb PyCpQz Qz PyCpQzCb	238.71	238.73	SHR VN	16°	BFP	QzSe4 cb3 ArSe2 KL1 (ch3)	0	cb3	y/gy ([illegible])	5(4)	0	2	2.0 444 420 104 300 440	0	8.0 444 106 104 300 420 440	0	As above - until 238.65 where ArSe becomes dominant, with strong KL alt'd plag. phenos.	-897	.360	.21

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
239.27	242.32		+ QzSe/Cb; QzSe/Cb		PyQtz; QzMo; Qzcb; PyCpQz; Qz; QzCbPySp; QzCbPySp	241.60 241.80	241.61 241.81	SHR VN SHR VN	20° 20°	BFP	ArSe2 QzSe4 Cb2-3 KL2-1 Ch1	0	Cb 2-3	ylgy = pl. grn	2/5	0	2	0.8 104 102 302 442 300 420 440	0	2.5 302 442 440 300 104 102 420	Mo 0.3 424 Sp 0.2 442	M.G BFP - Dominantly Clay-Carb ([illegible]-Cb-KL ±Ch) with zones of QzSe + Cb Alt'n	200898	.479	.17
242.32	245.36		+		QzPy; QzCbPy; Qz; Qz					BFP	" (Ch 4)	0	"	"	2/5	0	2	0.8 442 300 104 102 420	0	2.0 442 300 104 102 420	0	As above - Last 30cm: clay Alt'n	200899	.686	.23
			244.18 Grad QzSe/Kb	gsc	QzCbPyCp; Qz; Qz	244.52	244.53	SHR VN	25°	BFP	KSi3 (QzSe4) Cb2	30	0/Cb 2	dkgy	7	1	1	2.0 104 102	0	.5 104 102	0	M.G. BFP - V. nice f.g.-c.g. Cp Min'n - Cp > Py ([illegible] Grade?)			
245.36	248.41		+		QzSe; Qz; Qz; Qz; Qz; Qz					BFP	KSi3 (QzSe3)	30	0	dkgy	7	1	1	2.0 104 102 420 300 108	0	1.5 104 102 300 420	0	- Potassic - Silicic Alt'n [illegible] Vn-related QzSe Alt'n Diss. f.g. Ep [illegible] 2-3%	200901	.608	.18
248.41	251.46		+		Qz; QzSePy					BFP	KSi3 (QzSe3)	30	0	dkgy	7	[illegible]	1	"	0	"	0	As above	.902	.670	.19
			249.75 Grad	[illegible]	QzCpPy; QzCpPy; QzCb					BFP	ArSe2 Cb2 KL2 QzSe3	0	Cb 2	ylgy/gy	4-5	0	2	[illegible]	0	0.7 104 102 420 300	0	M.G BFP - [illegible] Alt'n [illegible]			
			251.46 CTC 30°		Qz					≡S	[illegible]	0	0	ylgy	3	0	2	0.8	0	[illegible]	0	As below			

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From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
251.46	254.51		251.86 Grad; 253.35 Grad ArSe/Kb/Kt	gge; gge	QzSc; QzSc; QzCbPy; QzMo; Qz; Qz; Qz PyCp; Qz; Qz					ZS / ZS / ZS	Se3 / QzSe4 K3 (KS3 RFD) / Se3 (K1?)	<5 / 25 / 0 (<5?)	0 / 0 / 0/cb2	ylgy / dk(y)gy / ylgy/lt.ylgy	~ / 5?/7 / 3	~ / 1 / 6	3 / 3 / 3	0.7 104 / 1.5 104 102 420 300 / 0.7 102 104 420	0 / 0 / 0	0.? 104 / 1.0 104 300 420 102 / 0.6 102 104 420	0 / ≤10 0.2 426 / 0	F.G. Siltstone; Se3 Alt'n. F.G. Siltstone - QzSe4 ± Ch Alt'n; with relict K3 Alt'd cores. BFP: 252.20-254.01m; KS3 to ArSe-cb-ch Alt'n. F.G. Siltstone - Se - Alt'd cores - Variably dk.gy, possibly potassic alt'n (check assay)	200903	.442	.12
254.51	257.56				Qz; Cb; Qz; QzMo; Qz; Qz; QzCpPy; Qz; Qzcb; Qz	256.21; 257.30	256.23; 257.60	VN; VN BX	20°; 20°	ZS	Se3 (K1?)	0 (<5?)	0	ylgy/gy	3	0	3	0.5 104 102 420 300	0	0.7 104 102 420 300	0	As above. VN BX: Brecciated ZS cemented by ... Qz	-904	.438	.11
257.56	260.60		+ +		Qz; QzPyCp Qz; Qz; QzPyCp; Qzcb; Qz; Qzcb; QzPyCp	260.20	26.60	Pinch	IR	ZS	" (ArSe2 cb2 K43 cb2 BFP)	0 (<5?)	0/cb2	"	3	0	3	"	0	"	0	As above. BFP: 257.56-258.14m; ArSe-Cb-Kt-Ch	-906	.424	.11
260.60	263.65				QzPyCp; Qz/Qzcb; Qz; Qzcb					ZS	"	"	0	"	3	0	3	0.7 420 300 104 102	0	0.? 420 300 104 102	0	As above	-907	.427	.11

ArSe
K
QzSE

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From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	Structures To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
263.65	266.70		264.67 ArSe/Cb; KL 265.78		Qzcb QzMoCp Qzcb QzMo Qz	264.64 264.67 265.89	264.67 265.78 265.92	VN BFP VN	30° 30°/16° 30°	ZS	Se3 ArSe3 Cb3 KL3 BFP	0 / (25?)	0 / Cb2	y/gy / gy	3-	0	3	0.8 104 102 300 420 200	0	0.7 104 300 420 102 200	1/0 0.3 426	F.G. Siltstone - Sericite Alt'n BFP: 264.67-265.78m - Clay-Carb Alt'n U CTC @ 30° L CTC @ 16°	200908	.532	.14
266.70	269.75		269.0		Qz QzPyCp Qz Qzcb					ZS	Se3	"	0	"	"	"	"	"	0	"	0	As above	-909	.278	.07
			JR		Qz					BFP					3-	0	1	0.7	0	0.6	0	As below			
269.75	272.80		Ksi3/Kh3		Qz Qz					3FP	ArSe3 Cb2-3 KL2 Ch1 (Ksi3 Ch3 loc)	0 / (40)	Cb 2-3	y/gy (to gn tint)	"	"	"	0.7 300 104 102 420	0	0.6 300 104 102 420	0	M.G. BFP - Clay-Carb Alt'n ArSe3 - Cb2-3 - KL2 (±Ch) - Pale grn (Ch ± Sc) overprint	-911	.180	.06
272.80	275.54				Qz Qzcb					BFP	ArSe3 Cb2-3 KL1-2 Ch1	0	"	"	"	"	"	"	0	"	0	As above	-912	.261	.08

SC

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
275.84	278.89		277.50 alt chng	GGE	Cb; CbQ2; Cb					BFP	SeAr4 + Cb3 Si2	0	2-3	buff-gy	4-	0	2	0.5 104	0	2.5 104		- Int Se-alt, str Pl (white calc Pl phenos), mod carb alt, weak? Si-alt. - diss Py >> diss Cp.	200913	.275	.08
					Cb; Q2CbCp					BFP	K3	25	0	dk gy	6+	2	2	0.8 104	0	1 104		- Hard, wk magn, mgr-cgr BFP. Pl phenos ≤5mm, 30%. Bi phenos ~10%. - Cp on microfrcs. Cp ≤ Py - Gy-buff haloes around CbQ2 vns loc.			
278.89	281.94		280.40		Cb																		914	.394	.07
			CTC~30		Q2 vnlts; Cb					SS	Q2Se4	0	0	lt gy	6+	0	3-4	1+ 104 442	0	1.5 300 462		- Str Se-alt + str silicif'd massive fgr SS (grains ~0.5mm).			
281.94	284.99		282.45; 281.95; 284.25; 284.92		Cb; Q2 vnlts; Cb; CbQ2Cp					SS	Q2Se4	0	0	lt gy	6+	0	3-4	1+ 104 442	0	1.5 300 462		- Irreg diffused Q2±Cp vnlts network; diss Cp. - Late reg Cb±Py vnlts network. Also irreg black Py wisps - Lt green-buff clay-carb-Ch alt'd BFP at 282.45-282.95 and 284.25-284.92.	915	.428	.13
284.99	288.0[illegible]		285.83		Q2 vnlts; Py vnlts					SS		as per above										- As per above	917	.472	.16
			IRREG CTC		CbPy; Q2Cp; Q2Cp					BFP	ArSe4- + Cb3, Ch1 loc	0	2, 3) loc	buff-gy ±gn hue	3	0	2	1.5 104 422	0	1- 104	Mo Tr 422	- Soft to mod hard clay-carb alt'd mgr BFP White Kl4 Pl phenos ≤3mm 30-50%. Beige-gy carb-Se alt'd groundmass, wk silic loc.			

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Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
288.04	291.08		288.85 – 289.92		Qz Cp Mo; Qz p					BFP	Ar Se 4 + Cb 3 + Ch 2	0	3	buff-gu	2-3	0	0	1.5 104	0	<1 104	Mo Tr 426	- As above - 288.85 - 289.92 Se 4 or Se 4 alt 1 ZS veinlets. - 289.92 - 290.50 soft Ar 4 BFP.	20918	.673	.25
291.08	294.13				Qz Cp; Cb Py; Cb Py; Qz Cp; Cb					BFP	Ar Se 4 + Cb 3 + Ch 2, Qz Se 3 + Kl 2 1oc	0	1-3	lt gu, lt bu-gy 1oc	2, 4+ 1oc	0	2+	1.5 104 422	0	1 104 464		- Soft lt gu clay-carb-Ch alt in first half of the int. Gradual transition to mod hard lt bu-gy Qz Se - wk Kl. Lt bu Se alt'd - Ar Se 5 in first 30cm	919 Bi	.647	.20
294.13	297.18				Cp Cc; Qz Cp Mo; Qz; Qz Cp; Cb					BFP	Ar Se 5 + Cb 3, Ch 2, Ar Se 4 + Cb 3 1oc	0	2-3	lt buff-gy	2, 5 1oc	0	2	2 104 424	0	1 104	Mo Tr 424	- Dominantly soft lt gu-buff Ar Se 5 + Cb 3, 1oc hard Ar Se 4 + Cb 3 (1oc of interval)	920	.766	.25
297.18	300.23		297.45 – 298.45 K		Qz Cp; Qz Mo; Cb Py					BFP	Ar Se 5, Cb 3 (K 3 1oc)	0, 25 1oc	3, 0 1oc	lt buff gy, dk gy-bu 1oc	2, 5 1oc	0	2, 3 1oc	1.5 104 422	0	1 104	Mo Tr 425	- Soft to very soft gy-buff Ar Se 5. - 297.45 - 298.45 K3 alt'd gy BFP.	921	.832	.27

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			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
300.23	303.28		300.40 Ar alt chng		Qz(Cp)(Mo) Qz CcCp Mo Qz Cp Cb Qz±Cl Cp					BFP	K4 + Si 3	30	6	lt [illegible] gy	6-	0-1	3-4	2+ 104 106 422 424	0	~1 104	Mo <0.5 446	- Str K-alt, mod sil. Coarse sil subhedral PC phenos 5-10mm, ~10%. Total PC content >50%. - Black Bi phenos 0.5-2mm 10%. Mostly fgr/intrst. groundmass Bi	200923	.674	.22
303.28	306.32		303.70 alt chng		Cp Qz(Cp) Qz CpMo Qz(Cp) Cb					BFP	ArSe4 + Cb3	0	3-	buff-gy (yl-gy)	3-2	0	2	1.4 104 422	0	1 104		as per above - Buff, clay-carb alt'd mgr BFP. White K4 alt'd PC phenos 3mm across. - Increasingly silicic downhole	924	.577	.18
306.32	309.37		307.55 CTC 15		CbPy CbPy CbSx SHR Sil FVN Cb Bx	307.55 308.30 308.45	308.35 308.45 309.63	SHR FVN SHR/CbVN	15-20 20-30 30	BFP SHR BFP	ArSe4 + Cb3 ArSe4 + Cb4	0 0	3- 4	buff-gy (yl-gy) buff-gy (yl-gy)	3 3	0 0	3 4-5	1.4 104 <1 104	0 0	.5 104 466 1.5 104 466		- As per above - 307.55 - 307.65 and 307.95 - 308.05 Sheared Cb(Sc) vns - 308.30 - 308.45 mt shrd/bxd gray silica FVN - 308.45 - 309.63 BFP crackle Bx, Cb flooded & cemented	925	.340	.35
309.37	312.42		309.63 CTC 30		SHR Cb Qz Cp Cb Qz Cp Cb					BFP	SeAr3, Cb4 loc	0	2-3	lt bu, yl loc	4-5	0	4-	1.5 104 422	0	<1 104		- Mostly (~60% of the interval) [illegible] mod SeAr alt'd mgr-cgr BFP. - Loc (1st third of the interval) yellow Cb4	926	.600	.11

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
312.42	315.47		+		Q_2Mo, Cb, Q_2 Cl [illegible], Q_2(Cl)Cp, Cb, Sue Cb					BFP	ArSe4 + Cb3	0	[illegible]	buff-gy, gn hue loc	3	0	2-3	1.2 104 442	0	<1 104	Mo Tr 426	- [illegible] alt'd mgr BFP white [illegible] alt'd Pl phenos - Increasing [illegible] downhole	200927	.623	.15
315.47	318.52		+ 317.80 alt chng		CbPy, CbPy, Q_2Cb Py, Cb, Q_2Cp, CbSe					BFP	ArSe4 + Cb3 + Ch1	0	3	buff-gy-gn	2-3	0	2	1 104	0	1 104 462		- As per above.	929	.606	.20
											K3	25	0	dk gy	6	0	2	1.2	0	<0.[illegible]		-317.80 - 318.62 K3 alt mgr BFP			
318.52	321.56		+ 318.62 Q_2Se ArSe 320.50		CbQ_2Cp, CbPy, Cb, Cb, Cb, Q_2Cb, Cb					BFP	K3, Q_2Se4, ArSe4 - Cb3	0, 25 loc	0, 2 loc	wd gy, dk gy loc	4, 6/[illegible] loc	0	2	[illegible].2 104	0	[illegible] 104	Mo [illegible] 200	- 318.62 - approx 319.50 soft [illegible] clay-carb alt - 319.50 - 320.50 hard (H=4) Q_2 Se-alt, KC2 alt'd Pl phenos [illegible] - From 320.50 [illegible] K-alt	930	.501	.16
321.56	324.61		+		Q_2CbCp, Q_2Cb, Q_2CpMo, Q_2±Cp, Q_2Cb, Q_2(Cb)Cp PyMo					BFP	KSi4	40	0	black	6+	0	3	1.5 104 422	0	<0.5 104		- Mgr - cgr BFP. silicif'd Pl phenos up to 10mm ~30%. Bi phenos 1[illegible]-20%. Black fgr sec Bi in groundmass.	931	.776	.29

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
324.61	327.66		+ + +		Q2Cp Cb Q2Cp Cb Q2(Cb)Cp Q2Cp					BFP	KSi4	40	0	dk gy bn (black)	7	0 2 loc	3	2 104 106 422 [illegible]	0	0.5 104	Tr 104	- As above.	200932	.620	.25
327.66	330.71		+ + +		Q2Cp Q2Cb Cp Py Q2Cp Q2(Cb)Cp Mo Q2Cp CbPy Q2Cb Cp Py					BFP	KSi4	40	0	dk gy (black)	7	0	3	2 104 106 422 424	0	0.5 104 442	Mo Tr 426	- As above - set of late Cb vns and Q2Se4+KE2 bxlas at 331.40 - 332.00	933	1.098	.39
330.71	333.76		+ + +		Q2Cp CbQ2 Cb Q2CbMoCp Py Q2 Cb					BFP	KSi4	35	0	dk gy-bn	7	0	3-4	2.5 104 106 422 442	0	<1 104 442 434		- As above	935	.720	.25
333.76	336.[illegible]		+ + + 336.55 alt chng		Q2Cp Cb Q2Cp [illegible] Cp (Py)					BFP	KSi4	40	0	dk gy (black)	7	0	3	2.5 104 106 422 442	0	<1 104 442		- As above.	936	.661	.22

8a

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-71

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
336.80	339.85		337.65							BFP	Q2Se3 + KE4+CB3	[illegible]	1-2	[illegible]	4	0	2	2 104	0	<1 104		336.55 – 337.65 [illegible] BFP. [illegible]	200937	.573	.18
			CTC 30° 338.3 CTC 30 339.1 CTC ~		Q2 Gp					ZS	Se4 + Si1	0	0	drab	3	6	4	1 442 (104 BFP)	0	1.5 442		- From 337.65 drab [illegible] mod hard (H=4) Se4 [illegible] fgr massive ZS. - 338.30 – 339.10 lt gn-bu Se-carb BFP. lt gn KE4 Pl pleuds. 4% Cp			
339.85	342.90				Se SHR, CC, Q2 Gp	340.00	340.45	SHR	20-40	ZS	Se4 + Si1	0	0	drab	4	0	4	<1 442	0	1.5 442 464	Mo Tr 440	- As per above. - 340.00 – 340.45 Sheared [illegible] and several Se-Gp SHR planes. - Dense CbS2 vnlts network, rare late CB vns and early Q2Gp vns.	938	.193	.06
342.90	345.95		344.30		Q2 CbS2 Py					ZS	Se4 + Si1	0	0	drab	4	0	4	<1 442	0	1.5 442		- As above.	939	.207	.07
			CTC 30?							SS	Q2Se4 Si4 loc	0	0	lt gy-gn	5-7	6	4	1 104 102	0	1 104 102		- Str silicif'd mgr SS grainsize ~0.5mm.			
345.95	349.00		346.30							SS	Q2Se3 + CB3	0	2	lt gy-gn	4-5	0	4	0.9 104 102	0	1 104 102		- 345.95 – 346.30 Se-carb-KE alt'd BFP dyke - 346.30 – EOH [illegible] mod Q2Se alt'd [illegible]	941	.563	.18

END OF HOLE !!!

Pacific Booker Minerals Inc.
Morrison Project

Hole ID: MO-02-72	Nominal Collar Coordinates: 670,545E ; 6119430N		Hole Type: NTW
Date Started (drilling, logging): May 20'02 ; May 21 '02	Surveyed Collar Coordinates:		Material left down hole: casing
Date Completed (drilling, logging): May 23 / May 23, 2002	Depth: surface / Depth: 13.5 / Depth: 74.68 / Depth: 150.88 / Depth:		Base of strong oxidation: no oxidation
Contractor: Falcon Drilling	Azimuth: 270°? / Azimuth: 277° / Azimuth: 278° / Azimuth: 279° / Azimuth:		Top of bedrock: 4.57 (4.50)
Geologists: D. Hladky ; K. Lesnikov	Dip: -45° / Dip: 44° / Dip: -44 / Dip: -44 / Dip:		Purpose of Hole: grid drilling
Section: 7420N Map Reference: 3805-5	Survey Method: Sperry-Sun		

Visual				Structures				Descriptive															Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
																						"Sacred" Tree Forest			
0.0	1.52									NR												Casing to 1.52 m			
1.52	4.57									OVB												- Rubble to ~ 4.57m (poss. to 4.50 m, though difficult to determine for certain)			
4.57	7.62				GzPy CPPy	4.57	6.70	BLK	IR	SS	Si4 Se1 Lm3	0	0	H.gy	7	0	1	0.8 10.2 10.4 30.2 31.0	0	1.0 30.0 10.4 10.2 42.0	0	- Silicified, m.g. sandstone - Fractures with Limonitic coatings - C.S. ~ 0.6-0.8 mm	200942	.332	.15

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-72

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
7.62	10.67				/Py /Py					SS	Si4 Lm1	0	0	H.Sy	7	0	1	0.8 104 102 106 300 420	–	0.7 104 106 102 300 420	–	M.G. Sandstone - Silicic altn. - Generally [illegible] [illegible] cp slightly > py - thin, discontinuous Py vnlts	20093	.269	.08
10.67	13.72		f.g. ss; se		Py±Cp Vnlts \Qz					SS	Si4 (Lm1) (Se2)	0	0	"	7	0	1	0.8 104 102 300 106 420 200	–	1.0 300 200 104 102 420 100	–	As above -Limonite on fracts. to 10.70m - 10.31 - 10.82m Interval of Si4 + Se2 alt'n [illegible] @ 20° to CA	944	.113	.03
13.72	16.76				\Qz \Qz [illegible] Py					SS	Si4	0	0	"	7	0	1	"	–	"	–	As above	945	.15	.04
16.76	19.81		§ Se Se		Qz Se Qz Py Qz Py Cp Qz Py Cp	17.75 19.12	18.20 19.15	BED (LAM) BED	30° 30°	SS	Si4 (Se2) -loc	0	0	"	7	"	"	"	–	"	–	As above - Lam are defined by finer grain-size (ES to m.g. SS) with increased Se content giving a pale-green color. * Observed to be normal bedding, i.e. way-up is up hole.	947	.111	.03

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-72

Visual						Structures				Descriptive														Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
19.81	22.86				Py Qz Cpy Py Qz Cpy					SS	Si4	—	—	Hgy	7	—	1	0.7 1.2 1.4 3.0 4.20 2.10 1.06	—	1.0 3.00 1.04 1.02 4.30 2.10 1.06	—	Silicified conglomerate (as above)	209478	.101	.02
22.86	25.91				Py Qz Cb Qz Py Cp Py Py (±Cp) Vnlts Qz Py	23.69	24.60	FOL (Py Vnlts)	30°	SS	Si4	—	—	Hgy	7	—	1	11	—	20 11	—	As above - Discontinuous py vnlts with orientation @ 30° to CA	949	.128	.03
25.91	28.96				Py Vnlts Qz Py Cp	26.80	28.60	FOL (Py Vnlts)	30°	SS	Si4	—	—	Hgy	7	—	1	4	—	2.0 4	—	As above	950	.280	.08
28.96	32.00				Py Vnlts Qz Cb Sp Py Cp Qz Qz Cb	29.13 29.49 31.21	29.14 29.53 31.38	BED/FOL BED/FOL BED/FOL	30° 37° 30°	SS	Si4 (Se2)	—	—	Hgy	7	—	1	11	—	2.0 1	Sp 0.3 442	As above ZS: 29.13 - 29.14m; 29.49 - 29.53m; 31.21 - 31.38m	951	.176	.05

SG

Hole: MO-02-72

Pacific Booker Minerals Inc.
Morrison Project

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
32.00	35.05		33.44 JR 34.86 cc 40°		Qzcb Py Qzcb Qzcb Qzcb Qzcb Qzcb	34.86	35.05	FOL	36°	SS BFP	Si4 ArSe3 Cb3 KL3	0 0	— Cb 3	H.gy H.y/gy (beige)	7 4	— —	1 1	0.4 104 102 0.7 104 102	— —	0.7 300 104 102 200 0.8 104 102 300	— —	M.G. to C.G. Sandstone - Silicic Alt'n; with Se-Alt'd ZS intervals (Bedding/FOL) BFP: 33.18-33.21m; ArSe-Cb-KL ZS: 33.21-33.44m; 34.86-35.05m M.G. BFP - Clay-Carb Alt'd, with white kaol'd plag phenos. - ZS above and below, Se-Alt'd As below	200953	.161	.03
35.05	38.10				Qzcb Qzcb Py Vnlts	35.10 35.95 36.44 37.32 37.32 37.63	35.35 — 36.60 — 37.56 —	FOL (Py vein) BED / Slk Blk Slk	30° 50° 12° JR 36°	SS	Si4 (Se2)	—	—	H.gy	7/3 (loc.)	—	1	0.6 102 104	—	0.9 300 104 102	—	M.G. - C.G. Sandstone - Silicified, with local Se-Alt'd Siltstone intervals (BED/FOL) - frequent, discontinuous Py-vnlts (<< 1mm diam.) - FED @ 35.95m [illegible] ZS: 35.40-35.65m 36.44-36.60m	954	.127	.03
38.10	41.15				Qz Cb QzCpPy Cb	38.57 40.00	38.58 40.01	VN VN	30° 30°	SS	Si4 (Se2)	—	—	H.gy	7/3 (loc.)	—	1	0.7 102 104 300 420	—	1.0 422 300 104 102 200	—	As above @ 38.58m QzPy Vn @ 30° [illegible] to base of SZ @ 30° ZS: 38.46-38.57m 39.05-39.23m 40.00-41.74m	955	.108	.03
41.15	44.20				QzPyCp QzPyCp Py	41.95	42.05	Alt'N FOL	25°	SS	Si4	—	—	H.gy	7/3 (loc.)	—	1	0.7 104 102 422 430	—	1.0 300 420 104 102 200 422	—	As above 41.95-42.05 Se-Alt'n fol'n in SS	956	.124	.03

Hole: MO-02-72

Pacific Booker Minerals Inc.
Morrison Project

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
44.20	47.24				QzCpPy Cp Py QzMoCpPy	45.33 46.63	– 47.02	SLK (60) BED (25)	40° 25°	SS	Si4 (Se2)	–	–	lt.gy	7/3 loc	–	1	0.5 102 104 300 420 422	–	1.0 300 104 102 420 422	Mo 0.2 422	M.G. - C.G. Sandstone - Silicified - local [illegible] intervals (BED/FOL)	200957	.106	.03
47.24	50.29				Qzcb QzCp QzMoPy Cp Py					SS	Si4 (Se2)	–	–	"	7/3 loc	–	1	"	–	"	Mo 0.3 422	As above	959	.160	.04
50.29	53.34				Cb CbMoPy4 QzcbPy QzcbPy					SS	Si4	–	–	"	7	–	1	"	–	2.0 464 462 300 420 104 102	–	As above	960	.111	.04
53.34	56.39				Qzcb Qz Qz Qzcb Cb Cb QzcbPy	55.13 55.55 55.80	55.14 55.84 –	CSH SHR VN SLK	35° 35 35°	SS	Si4	–	–	"	7	–	1	"	–	2.0 424 420 300 102 104	–	As above	961	.132	.03

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-72

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
56.39	59.44		57.62		Qz Qz CP					SS	Si4 (Se2)	–	–	H.gy	7	–	1	0.6 104 102	–	1.0 300 102 104 420	–	M.G.-C.G. Sandstone - 56.52-56.63m: 3-5mm pebbles - ... max - Loc. ZS - Se Alt'd	200962	.098	.02
			IR/GRAD		Qz Cb; Qz Cb Py CP; Cb Py	58.66; 59.24	58.66; 60.56	SHR VN; BLK	35°; IR	ZS/SS	Se2 (Si4)	–	–	H.gngy	3/7	–	2	0.4 102 104 200 300	–	0.8 300 420 426 104 102	–	M.G. Siltstone - Se-Alt'd - Loc. SS - Si Alt'd intervals - Gradational ctc, including some SS "bands" - SS: 58.79-58.89m - Si Alt'd			
59.44	62.48		61.16		Qz; Cb	59.50	–	SLK	35°	ZS/SS	Se2 (Si4)	–	–	H.gngy	3/7	–	2	"	–	"	–	- V. fract'd overall, and brittle	964	.152	.03
			ctc 65°		Cb; Cb; CbPy	61.16; 62.00	–; –	SLK CTC; SLK	65°; 30°	BFP	SeAr3 Cb3 KL2	–	Cb3	H.ylgy	4	–	1	0.6 104 102	–	1.5 442 300 104 102	–	M.G. BFP "wedge" - Clay-Carb Alt'd, - Dominantly Carbonate - Low & SLK orthogonal to high & SLK			
62.48	65.53				Cb; Cb; Cb; Cb; Cb; Cb; Py	62.33	62.34	Cb VN = SLK	50°	BFP	"	–	Cb3	H.ylgy	4	–	.	"	–	1.5 104 102 300	–	As above - KL Alt'n increasing down-hole	965	.150	.03
65.53	68.58		65.85		Cb					BFP	"	"	"	"	4	–		"	–	"	–	As above	966	.090	.02
			66.15 45°			65.85	66.15	FLT/SHR VN	46°	FLT-ZS	Si4+Se2	–	Cb3	gy	7	–	5	"	–	2.0	–	FLT-ZS = SHR & CSH			
			45°		Cb; Qz Py	66.35; 67.00; 67.80; 68.00	66.85; –; –; –	BLK; SLK; SLK; SLK	IR; 50°; 40°; 50°	ZS	Se3	–	–	grngy	3	–	1	0.4 104 102 300	–	1.0 300 102 104 300	–	F.G. Siltstone - Se-Alt'n - Freq. Cb on fract. surfaces - along healed fract's			

Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-72

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Str From (m)	Str To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
68.58	71.63		71.00 71.25	Sc GGE	Cb Cb±Py vults CbQz Py Py Cb SHR Cb Sc GGE Cb	71.00	71.25	FLT/CSH/GGE		ZS	Se4	0	0	drab	3	0	4	Tr 446	0	1.5 460 462 302		- Soft str Sc alt'd massive vfg ZS. - Irregular Cb±Py vults network (crackled and healed with Cb±Py). - 71.00-71.25 crushed ZS + 5cm wide FLT GGE.	200967	.091	.02
71.63	74.68		74.5 74.6		CbPy Cb±Py vults CbQz Sc SHR Sc SHR Cb GGE	74.50	74.60	FVN/FLT	40	ZS	Se4	0	0	drab	3	0	4	Tr 444	0	1.5 462 440 302		- As above - 74.50-74.60	969	.147	.03
74.68	77.72		75.80 ~76.50 APPROX 77.90 CTC 30	SHR BLK GGE FLT	Cb±Py vults [illegible] Cb Qz Sc Qz Cb±Py vults	74.90 75.80 76.50	75.80 ~76.50 77.40	BLK/CSH FLT/GGE BLK		ZS FLT SS	Se4 Ar4 Qz Se 3 Si 4	0 0 0	0 0	drab lt gy lt gy	3 1 4-7	0 0 0	4 N/A 3	0 0 1 104	0 0 0	1.5 462 [illegible] 0 0.5 462 460		- As above - 75.80 - approx 76.50 Fault gouge 15 cm of SHR Sc and clay recovered - upper CTC approx. - Broken/blocky QzSe3 alt'd mgr SS. Increasingly silic downhole. Minor CSH/gouge.	970	.173	.04
77.72	80.77			BLK BLK	Sc SHR Qz Tm Tm [illegible] Qz	77.75 77.90	77.90 78.40	SHR CTC CSH/FLT	30	ZS	Qz Sc4 K2?	? <.5 (Tm)	0	med gy pp hue	5	0	3+	[illegible] 460 462	0	<1 460 462	Mo Tr 462	- Shr'd upper CTC. - Hard hornfelsed vfg ZS. - Coarse [illegible] Bi [illegible] Cb Qz vns and [illegible]. Very hard, poss Tm Cp and Py in Cb Qz vns/vults. Cp > Py	971	.152	.04

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Pacific Booker Minerals Inc.
Morrison Project

Hole: MO-02-72

From (m)	To (m)	Rec %	Visual: LITHOLOGY	FRACT	VEINS	Structures: From (m)	To (m)	Str Type	Angle TCA	Descriptive: Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Assays: Sample No.	Cu %	Au g/t
80.77	83.82		82.50 CTC 30		Tm; diss Tm; Cb; Cb(Qz)Mo; Cb±(Qz) vnlts; QzTmCp; QzCb					ZS	QzSc 4 K2??	[illegible] (poss Tm)	0	med gy-pp	6-7	0	3	0.8 442 104 462	0	<0.5 462	Mo Tr 448	- As above - [illegible].80 – [illegible].20 masses of very hard, black Tm. - Diss coarse Tm and QzCb±Tm ±Cp vns in the rest of interval.	200972	.199	.06
			84.60 CTC 70		Cb					BFP d	K3	25	0	black-bn	6	0	2	Tr 420	0	<1 104		- Unusual BFP dyke; poss related to MFDY. Coarse Pl phenos 5-10%, granular groundmass contain 30-40% Bi. diss Py only			
83.82	86.87				Cb SHR; Qz(Cb)CpMo; Cb vnlts					ZS	QzSc 4	0	0	drab	5	0	3-4	0.7 442	0	[illegible] 442	Mo Tr 426 442	- Hard, drab QzSc vfg ZS. Minor [illegible] hornf relicts. - Cb± [illegible] Qz±Cb vnlts "yark"	973	.181	.05
86.87	89.92				Cb(Qz)(Cp[illegible]); QzCb±Cp; QzCp; Cb; Bi; Cb					ZS	QzSc 4 K2	Tr-5	0	med pp-gy	5-7	0 3 loc	3	0.7 462	0	<0.5 462		- Purplish hornf ZS dominantly. Drab QzSc alt around some vnlts. - Irreg black vfg sec Bi "patches" (v. hard), sometimes magnetic.	975	.115	.03
89.92	92.96		[illegible]; Kroll		CbQz±Cp; Cb; [illegible] ZS Bx					ZS	Sc 4 K2 relicts	Tr	0	drab or med pp-gy	3-4 5 loc	0	3-4	0.6 464	0	<0.5 462		- [illegible] late Cb vns loc and [illegible] below. - Entire interval is softer than above. - Minor black vfg Bi (~20% of the interval). - 92.40 – 92.80 Healed ZS bx.	976	.222	.05

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Hole: MO-02-72

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
			- - 93.05							ZS															
92.96	96.01		+ CTC 30 … 95.45		Q_2 Cb Py Cp; Q_2 Py; Q_2 Py; Cb					BFP	ScAr3 + Cb 3 (Kl 3)	0	1	drab	4	0	2	1.5+ 104 420 106	0	0.5 104	Mc Tr 422	- Soft to mod hard, str Sc-alt mod Kl-alt, mod carb-alt. - Sc alt'd Pl phenos in the first half of the interval Kl-carb alt'd Pl phenos in lower half. - Set of // Cb vns in last 50 cm	200977	.398	.46
			CTC 5		Q_2 Py Cp As																				
96.01	99.06				Py Cp; Cb Sp Py As Cp (Q_2)	93.05	102.35	Cb (Q_2) Sp Py As vn	5-10	FVN	N/A	0	3	mottled black-white	3	0	5 N/A	3 468	0	10 468	Sp 20 468 / As 3 468	- 95.45 - 102.35 late white carb - Sp - Py - Cp - As vein 5-10° TCA. - Approx 10% gray silica. - Q_2 Py Cp As next to wallrock, ~80% Cb + Sp core.	ICP 200978	.749	2.89
99.06	102.11				Q_2 Py Cp; Q_2 Cb					FVN	N/A	0	3 2 Loc	black/white, lt gy	3-7	0	5 N/A	2 463 448	0	5 463 448	Sp 10 / As 2 463 448	- As per above - 100.40 - 100.60 Q_2 Py Cp vein - 101.50 - 102.35 CbQ_2 vein; higher gray silica content and no Sp; less Py As Cp - 102.35 - 102.70 Sheared Q_2 Sc (gray silica) vein.	ICP 200979	.173	.74
			102.70		Sc SHR; Q_2 Sc SHR	102.35	102.70	SHR/FVN	5-10																
102.11	105.16		+ CTC = SHR 5		Cb; Cp Q_2 Cb; Cb; Q_2 Cb					BFP	Q_2 Sc 3 + Cb 3 - Kl 2	0	0	lt-gy	5-6	0	2	1.3 104	0	.5 104		- Hard, mod to str Sc-alt mod siliceous, mod to str carb alt, loc wk white Kl. Sc alt'd Pl phenos, carb alt'd Bi. - diss Cp & diss Py	200981	.157	.04

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Hole: MO-02-72

From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	Structures From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
105.16	108.20		+ + +		Py Cb, Qz Cb, Qz (Cb) Py, Cb, Cb Py, Cb, Cb Py, Qz					BFP	SeAr3 + Cb3 + Si2, Kl3 loc	0	1	yl-gy	4⁻, 3 loc	0	2	0.9 104	0	1.5 104 102 462		- Increasing Kl-alt down hole. - Tarnished Cp downhole, hard to estimate.	200982	.192	.06
108.20	111.25		+ + +		Cb, CpPy, Qz, Cb, Cb, QzCpPy					BFP	ArSe4 + Cb3 (Kl 4)	0	2	buff	3⁻	0	2	0.6 302 [illegible]	0	2.5 104 [illegible]		- Soft clay-carb alt'd BFP	983	.291	.09
111.25	114.30		+ + 112.20		Qz Cb Py, AsPy					BFP	SeAr3 + Cb3	0	1	drab	3	0	3	[illegible]	0	2 444 104		- [illegible]	984	.386	.68
			ΔΔ FLT CTC 112.38		FLT, Cb	112.20	112.38	FLT / AsPy FVN	30	ZS	Se4	Tr	0	[illegible] bu-drab pp hue	3⁺	0 / loc	3	? <0.5 102	0	1-2 102 104	Po Tr 102	- Soft str Se-alt'd vfg "aplanitic" massive ZS - Plagioclase relicts speckled with fgr Py±Po±Cp? - Dominantly dk drab-bu			
114.30	117.35		116.05		Sul, Qz Py Mo, Cb, Bi, Bi					ZS	Se4	Tr	0	lt gy-bu-drab pp hue	3⁺	0 / loc	3	? <0.5 102	0	1-2 104	Po Tr 102	Se4 alt - Barren Cb vns network - Minor Black Bi "patches"	985	.182	.03
			v v CTC 50		Cb, Cb, Cb					MFDY	[illegible] + Cb3 + Cl 1	0	0-1	lt beige-gy	4	0	[illegible]	0	0	0		- Lt beige-gy porph dyke [illegible] alt'd mafic phenos up to 2 mm long and aplanitic Se [illegible] alt'd groundmass			

Pacific Booker Minerals Inc.
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Hole: MO-02-72

Visual						Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
117.35	120.40				Cb Qz Cb Qz Cb/CHR Qz Cb Cb Cb					MFDI	Se-3 + Cb 3 + Ch 1	0	1	lt beige-gy	3	0	1	0	0	0		- As per above	200987	.006	.02
120.40	123.44				Cb Cb					MFDI	Se 3 + Cb 3 + Ch 1	0	1	lt beige-gy	3	0	1	0	0	0		- As above	988	.006	<.01
123.44	126.49				Cb Cb					MFDI	Se 3 + Cb 3 + Ch 1	0	1	lt beige-gy	3-4	0	1	0	0	0		- As above	989	.004	<.01
126.49	129.54				Cb CEB, Cb ZS					MFDI	Se 3 + Cb 3 + Ch 1	0	1	lt beige-gy	4-2	0	1	0	0	0		- As above	990	.025	.03

SG

			Visual			Structures				Descriptive													Assays			
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t	
129.54	132.59		130.88		Cb	130.86	130.88	FLT Bx (ZS)	50°	MFDY		0	cb 1	Bx-gn-gr gy	4-6	0	0	0	0	tr 102	0	As above	200991	.235	.06	
			Si+Se FLT 50° CTC		PyAsSpCpQz, Qzcb, Qz, QzCl					BFP	ArSe2 cb2 KL2 (Si3 Se3)	0	cb 2	lt ylgy	3	0	2	1.5 302 420 104 102	0	3.0 302 420 104 102	As 1.5 302 Sp 1.5 302	M.G. BFP - Principally Clay-Carb Alt'n ArSe - Cb - KL - 130.88 - 131.35m: Semi-MSPY Vn @ <5° to CA from FLT ZN/CTC; Py As Cp Qz - Si + Se Alt'n to 31.42				ARSE BFP
132.59	135.64		>cb		Qzcb, QzMo, QzCbPyMo, QzCbPy, Qz					BFP	ArSe2 Cb3 KL2	0	cb 3	Bx gn/ ylgy/	3-5	0	1	0.4 442 420 104 102	0	0.8 442 420 104 102	Mo 0.3 422	As above - Increase in cb below 133.40 - Stronger cb [illegible] Same [illegible]	993	.096	.03	"
135.64	138.68		Cb + Si 138.00		Qz/QzCl, Qzcb, Qzcb	136.18	136.29	SHR BFP	20°	BFP	Cb3 ArSe3 KL2 (Si2)	0	cb 3	"	5-6	0	1	0.3 104 102 420	0	0.5 104 102 420	0	As above - Last meter dom. Cb + Si Alt'n	994	.160	.04	"
			CTC 20° Cb		QzCb, Qzcb, Qz					ZS	Se3 (K1)?	<5	cb Vnlts	gy = rel hue	3	0	2	0.3 420 102	0	0.5 420 440 104	0	F.G. Siltstone "Hornfelsed"				ARSE ZS
138.68	141.73				Qzcb, Cb, cb, Qzcb, Qzcb/QzPySpCp, Cb, Cb, cb	138.72 139.88	139.01 140.15	SHR ZS SHR ZS	17° 24°	ZS	Se3 (K1)?	<5	"	"	3	0	2	0.6 422 420 440 102 104	0	2.5 422 420 440 104 102	Sp 2.0 422	- Vn-related biotite - blebs of biot enveloping local units - possible K1 alt'n, compare with assay values. - BFP: ArSe + Cb Alt'n 140.75 - 141.10m	995	.177	.06	"

			Visual			Structures				Descriptive													Assays		
From (m)	To (m)	Rec %	LITHOLOGY	FRACT	VEINS	From (m)	To (m)	Str Type	Angle TCA	Litho	Alt'n	Bi (%)	Ca/Cb 1-5	Colour	Hard 1-10	Mag 1-5	Vnlts 1-5	Cp %	Bn %	Py %	Opt min%	Description	Sample No.	Cu %	Au g/t
141.73	144.78				Qz cb/kb; Qz sc; Cb; Cb; Cb Qz cp py; cb	142.69	–	SLK	17°	ZS	Se3 (Horn) (K1)?	<5	Cb Vnlts	dk gy = ppl hue	3	0	2	0.4 300 102 104	–	0.6 300 104 102		F.C. siltstone - Dominantly Se3 w sections of mauve/ppl mottled alt'n.	200996	.232	.07
144.78	147.83				cb Qz; cb; Cb					ZS	(Horn) Se3	0 / <5	"	ppl / mauve	3	0	2	"	–	"	Po 1.0 104 102	As above @ 145.60m - Dominantly "Horn felsing", i.e. overall mauve color (ppl) with diss. py & bot vnlts. Alt'n ctc @ 10° BFP: 146.46-146.50 m; cb ad'd	997	.159	.03
147.83	150.88				cb Bi; cb; cb; cb; cb; cb	148.60	148.62	CSH/GGE	20°	ZS	(Horn) Se3	0 / <5	"	"	3	0	2	"	–	"	Po 2.0 104 102	As above - blotchy, pale purple mauve alt'n with diss. py/po w dk. reaction rims (ex)	999	.065	.01
			EOH																			EOH: 150.88m			