

Field Samples Listing

676496
not up-to-date

D. Lefebure Golden Bear Sample list -- 1998																			
Sample	Area	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) Mine Lab	Easting	Northing	Elevation	DDH #	Depth	H	P	W	G/A	U/Pb	F Pr	DVL98-
DVL98-11	Totem	sil. gray laminated limestone	LMGT	intense silicification	fine breccia			24660	26900										11
DVL98-12	Totem	sil. white 1st bx	LMST	intense silicification	breccia			24800	26903				H						12
DVL98-13	Totem	black graphitic siliceous sliver		silicification		limonitic stain							H						13
DVL98-14	Ursa	silicified red carbonate	LMGT	silicified, with red hem.	bx								H						14
DVL98-15	Totem	rusty-stained white silicified	LMST	silicification, pyrite	breccia								H						15
DVL98-16	Kodiak A	Fe-carb. altered tuff, 2% diss. py, cut by micro quartz veinlets	MFCA	Fe-carb.	silicified red carbonate		0.17	24825	26500				H	P		G			16
DVL98-17	Kodiak A	jasperoid with vugs		silicification	small, mixed clasts	bedding parallel, altered karst?	0.48						H			G			17
DVL98-18	Kodiak A	altered dolomite	DOCH	cut by network of quartz veinlets		"Crackle DOCH"	0.21	24775	26420				H			G			18
DVL98-19	Kodiak A	sil. dolomite with chert pods	DOCH	ibid		bedding disappears into silica zones	0.27						H						19
DVL98-20a	Kodiak A	tan limestone		ibid		rusty stains on fractures							H						20
DVL98-20b	Kodiak A	granodiorite	GRDF	epidote		weak foliation							H						20
DVL98-21	Kodiak A	silicified dolomite	DOCH	network silica			0.10	24665	26340				H						21
DVL98-22	Kodiak A	dolomite with chert pods	DOCH	network silicification		"Crackle DOCH"	0.17						H						22
DVL98-23	Kodiak A	tan dolomite	DOCH	network silicification		"Crackle DOCH"	0.07						H						23
DVL98-24	Kodiak A	brown, f.g., sediment		sanded?		decalcified?, some vugs							H						24
DVL98-25	Kodiak A	quartz-calcite crystals from fracture				fracture 1m long		24625	26380				H						25
DVL98-26	Kodiak A	moderately altered 1st	LMST	weakly silicified?			trace	24595	26300				H						26
DVL98-27a	Kodiak A	contact zone between white silicified 1st breccia and brecciated dolomite		silicified		black and white fragments	0.10	24605	26245				H						27
DVL98-28	Kodiak A	less altered white limestone	LMST				1.03						H	P					28
DVL98-29	Kodiak A	pinkish angular clasts in tan limey matrix					0.14	24520	26530				H						29
DVL98-30	Kodiak A	white limestone	LMST				0.24	24400	26500				H						30
DVL98-31	Kodiak A	black chert				primary??, at end of trench, near calcite zone	0.07						H						31
DVL98-32	Fleece Bowl	laminated graphite chert with impure laminae				primary?	0.10						H						32

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DVL98-33	Fleece Bowl	dolomite with chert pods	DOCH			near DDH collar for 77							H						33
DVL98-34	Kodiak A	calcite-cemented limestone		weakly silicified?			trace						H						34
DVL98-35	Kodiak A	variably silicified bedded 1st		only some beds silicified		transition zone from Totem Silica zone		24600	26300				H						35
DVL98-36	Kodiak A	moderately altered 1st	LMST	weakly silicified?		decalcified?							H						36
DVL98-37	West Road	white chert nodule 1st	LMBC?										H						37
DVL98-38	West Road	missing notation in notebook											H						38
DVL98-39	West Road	gray limestone with tan to gray	LMST (1)?										H						39
DVL98-40	West Road	gray dolomite with black chert	DOCH?										H						40
DVL98-41	West Road	tan-weathering dolomite with chert pods				some crinoids?							H						41
DVL98-42	West Road	bedded sediment from lithified karst bx infill	BXA										H						42
DVL98-43	West Road	incipient breccia texture in white limestone with chert pods		??, see thin section									H						43
DVL98-44	West Road	karst breccia with bedded sediment	BXA										H						44
DVL98-45	Helen Ridge	weakly silicified limestone		silicification			trace						H						45
DVL98-46	Helen Ridge	strongly fissile, gray limestone		decalcified?		2m from 45	trace						H						46
DVL98-47	Helen Ridge	moderately fissile, gray limestone		decalcified?		5m from 45	trace						H						47
DVL98-48	West Road	chert and limestone clasts in calcite matrix			calcite breccia								H						48
DVL98-50	Bear	calcite-quartz vein and bx with some vugs lining qtz				cuts MFCA, some bx including one black fragment (lmst?)					B83-14	30m	H						50
DVL98-51	Bear	two generations of qtz veinlets	MFCA								B83-14	52.8m	H						51
DVL98-52	Bear	veined andesite with green mica	MFCA	green illite							B83-14	62m	H	P					52
DVL98-53	Bear	sooty pyrite band	MFCA								B83-14	63.45m	H						53
DVL98-54	Bear	chlorite-calcite veinlet cuts massive flow	MFCA								B83-14	75m	H						54
DVL98-55	Bear	chaotic white silicified bx				white and some black clasts					B83-14	85m	H						55
DVL98-56	Bear	white subangular silicified clasts in black, siliceous matrix with very tiny vugs				primary or secondary clasts					B83-14	67m	H						56

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DVL98-57a	Bear	siliceous patch or chert pod with some vugs									B83-14	92.5m	H							57
DVL98-58	Bear	polyolithic breccia									B83-14	108.1m	H							58
DVL98-59	Bear	gabbro/diorite?									B85-89	23.5m	H							59
DVL98-60	Totem	white sil. 1st fragments in orange-weathering carbonate-rich matrix		silicification							T84-62	26.5m	H							60
DVL98-61	Fleece Bowl	banded v.f.g. pyritic silicified tuff	PHYL	silicification							T96-350	7m	H		W	G				61
DVL98-62	Fleece Bowl	ibid	PHYL								T96-350	5m	H	P						62
DVL98-63	Fleece Bowl	some silicified bands with orange bedded material	PHYL								T96-350	8m	H							63
DVL98-64	Fleece Bowl	multicoloured jasperoid with vugs orange, granular matrix with fragments of silicif. 1st	LMSL	intensifies silicification							T96-350	25.2m	H		W	G				64
DVL98-65	Fleece Bowl	crackle breccia texture,	MFCA			not volcanic, recent karst					T96-350	28.8m	H	P?	W?					65
DVL98-66	Fleece Bowl	black graphitic mud mottled with brown waxy material - gouge	MFCA			turns to clay with addition of water					T96-350	34.75m	H							66
DVL98-67	Fleece Bowl	greenish-gray clasts in crackle dolomite with chert pods	GOUG								T96-350	59.85m	H	P						67
DVL98-68	Fleece Bowl	black primary bedded chert	PYTF	10% py							T96-350	61.12m	H	P		A				68
DVL98-69	Fleece Bowl	stibnite in moderately, silicified, vuggy limestone	DOCH			footwall					T96-350	70.5m	H							69
DVL98-70	Sam Creek	coarse stibnite float				boulder furthest to the west							H							70
DVL98-71	Ursa	pink to white silicified 1st cut by late carbonate veinlets				should run for Au							H			A/T				71
DVL98-72	Ursa	tan weathering 1st, weakly foliated											H			A/T				72
DVL98-73	Ridge Zone	foliated		moderately silicified			0.20						H		W	G				73
DVL98-74	Ridge Zone	pinkish chert pods in limestone		decalcified?			0.13						H		W	G				74
DVL98-75	Ridge Zone	chloritized mafic volcanic		weakly decalcified?			0.34						H		W	G				75
DVL98-76	Fleece Bowl	crowded plagioclase porphyry dyke?	MF	chloritized		small amygdules							H							76
DVL98-77	Fleece Bowl	v.f.g. pyrite in gray silicified matrix with clay		Fe-carb and clay alteration		2-3% py, 15% ragged biotite?							H	P		G				77
DVL98-78	Fleece Bowl	ibid	GOUG	sil, clay		Black Fault zone	0.03						H	P		G				78
DVL98-79	Fleece Bowl	interbedded impure chert and silicified limestone	GOUG	sil, clay		Black Fault zone; more pyritic and siliceous than 78	0.34						H	P		G				79
DVL98-80	Fleece Bowl	recessive unit?											H							80
DVL98-81	Fleece Bowl		DOCH										H							81

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DVL98-82	Fleece Bowl	f.g. pyritic volcanic tuff	MFCA	Fe-carb									H							82
DVL98-83	Fleece Bowl	sil. limestone		sil.		1-2m beds							H							83
DVL98-84	Fleece Bowl	calcite crystals rimming eroded karst cavity				5 cm along							H					?		84
DVL98-85	Fleece Bowl	brown moderately consolidated matrix to karst infill		iron-carbonate?		contains pk chert and 1st clasts	0.27 & 0.0	24675	25800				H							85
DVL98-86	Fleece Bowl	pink chert in white 1st	LMST(1)	weak silicification?				24675	25800				H							86
DVL98-87	Fleece Bowl	pink chert patch	LMST (1)			same as 86		24675	25800				H							87
DVL98-88	Fleece Bowl	white limestone	LMST (1)			same as 86		24675	25800				H							88
DVL98-89	Fleece Bowl	sil. polymictic fault bx	HLBX	intense sil.	polymictic	chert, volc. 1st							H							89
DVL98-90	Fleece Bowl	altered mafic tuff	MFCA	Fe-carb., illite alt'n		impressive green illite colour							H	P						90
DVL98-91	Grizzly	v.f.g. foliated and banded volcanic tuff	MFCA	Fe-carb, 5-7% pyrite							G95-UG128	8.1m	H			G				91
DVL98-92	Grizzly	tan volcanic tuff?	MFCA	Fe-carb, up to 20% pyrite, minor green clay							G95-UG128	11.1m	H	P		G				92
DVL98-93	Fleece Bowl	silicified? 1st breccia with sandy limey matrix that fizzes	LMSL			sanded?					T96-349	11.9m	H							93
DVL98-94	Fleece Bowl	variably crackle brecciated and brecciated, no chaotic bx	LMSL								T96-349	41.8m	H							94
DVL98-95	Fleece Bowl	hematitic matrix to gray silicified clasts of 1st	GOUG			some clasts contain clasts, hematite matrix fizzes on powdered surface, moderately consolidated					T96-349	49.25m	H							95
DVL98-96	Fleece Bowl	angular silicified clasts of 1st in a tan matrix	MFCA			some colour variation in clasts (gray to black)					T96-349	50.3m	H							96
DVL98-97	Fleece Bowl	breccia and crackle breccia in silicified 1st with a variety of silica 1st clasts	DOCH								T96-349	~63m?	H							97
DVL98-98	Grizzly	white alteration mineral of volcanic, talc??	MFCA			confused contact/structural zone					G95UG118	3.6m	H			xrd				98
DVL98-99	Grizzly	m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI								G95UG118	8.5m	H				U/Pb			99

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DVL98-100	Grizzly	m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI	green clay							G95UG118	6m	H						Ar/Ar	100
																				101
DVL98-102	Bear	polymictic breccia		silicified, sooty pyrite, yellow goethite stain		pyritic tuff intersected immediately below till in Bear Main zone					B86-119	9.2m	H							102
DVL98-103	Bear	polymictic breccia		silicified, sooty pyrite, yellow goethite stain		bottle roll leach test					B86-119	9.3m	H							103
DVL98-104	Kodiak A	white limestone	LMST	fracture-controlled iron		crackle texture							H							104
DVL98-105	Kodiak A	black silicified fractures cutting dolomite	DOCH	sil.									H							105
DVL98-106	Kodiak A	black jasperoid pod, 5-10% vugs black silicified gouge, polymictic clasts less than 5 cm	DOCH	intense sil., rusty stain									H							106
DVL98-107	Fleece Bowl	grey net-textured mafic intrusive rock	HLBX	silicification									H							107
DVL98-108	Grizzly			tr. diss. pyrite		magnetic					G99-373	523'	H							108
																				109
DVL98-110	Troy Ridge	granodiorite dyke with volcanic contact		kspar along contact									H							110
DVL98-111	Troy Ridge	f.g. granodiorite dyke		10% diss. pyrite		interesting dykes are recessive							H	P						111
DVL98-112	Troy Ridge	diorite/gabbro											H							112
DVL98-113	Troy Ridge	feldspar-quartz dyke verging on a pegmatite											H							113

15 geochron ¹⁵ WAX + trace BMA as many
URSA

Golden Bear Sample list -- 1998																
Area	Sample	DDH	H	P	W	G/A	U/Pb	F	Ar	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Assay Results Au (g/t) (mine lab)
Ursa	DBR98-120		H								graphitic micrite	LMGT				
Ursa	DBR98-122		H								"sanded" Lst.					
Ursa	DBR98-122B		H								vuggy Lst.					
Ursa	DBR98-122C			P							clay alt. sil. Lst. bx					
Ursa	DBR98-122D										partially sil. Lst.					
Ursa	DBR98-123			P							lim. mud in vug					
Ursa	DBR98-124		H								solution collapse bx			solution collapse		
Ursa	DBR98-124B		H								crackle bx			crackle bx	no silica	
Ursa	DBR98-125		H								micrite	LMGT				
Ursa	DBR98-126		H								white Lst.					
Ursa	DBR98-126B			P					Ar		dol. w/ coarse sericite					
Ursa	DBR98-131		H								hem. fract. LMGT	LMGT			hematite fractures	
Ursa	DBR98-133			P							hem. clay, ser. fract in LMGT	LMGT	hem., clay, ser			
Ursa	DBR98-134		H									LMGT				
Ursa	DBR98-136		H								carbonate bx			bx		
Ursa	DBR98-139			P	W	A	U/Pb				clay alt. felsic dyke		clay alt.			
Ursa	DBR98-139B			P							alt. felsic dyke					
	DBR98-139C															0.41
	DBR98-139D															0.51
	DBR98-139E															0.34
Ursa	DBR98-141			P							bx'd felsic dyke			bx		
Ursa	DBR98-142		H								pink sil. DOCH	DOCH				
Ursa	DBR98-143			P?		AG					hem. fault bx			fault bx	Ursa Fault?	12.38
Ursa	DBR98-143B			P?		AG					lim. fault bx			fault bx	Ursa Fault?	0.48
Ursa	DBR98-143C					AG					hem. sil. fault bx			fault bx	Ursa Fault?	15.22
Ursa	DBR98-143D					AG					hem. sil. bx				dk. grey sil. Lst. frags	6.17
Ursa	DBR98-144					AG					malachite, lim. Lst. bx			bx		0.41
Ursa	DBR98-145			P							tan/pink DOCH	DOCH	clay alt.			
Ursa	DBR98-146			P							clay rich rock					
Ursa	DBR98-147		H								Lst. bx			bx		

URSA

Ursa	DBR98-148		P	AG			hem. fault bx		fault bx	Ursa Fault?	2.40
Ursa	15.9 m	T95-268	H				LMGT	LMGT			
Ursa	54.0 m	T95-268	H	A			hem. rich bx		bx	hematite rich bx	
Ursa	69.5 m	T95-268	H			Pr	hem. rich bx		bx	hematite rich bx	
Ursa	70.2 m	T95-268	H	A			hem-lim. sil. bx		bx		
Ursa	77.1 m	T95-268		P			clay-lim. alt. mafic volc		clay/lim.		
Ursa	78.7 m	T95-268		P			carb. alt. mafic volc.		FeCO3		
Ursa	79.0 m	T95-268		P			clay alt. volc.		clay		
Ursa	82.6 m	T95-268	H				bx sil. Lst.		silicified	bx	
Ursa	84.0 m	T95-268	H				pink dol.				
Ursa	87.2 m	T95-268	H	W?			pink dol.				
Ursa	183.5 m	T95-279	H				LMGT	LMGT		soft sed. deformation	
Ursa	196 m	T95-279	H				LMGT	LMGT			
Ursa	205 m	T95-279	H				lim. bx Lst.			bx	
Ursa	207 m	T95-279	H				bx LMGT	LMGT		bx	
Ursa	242 m	T95-279	H				sil. Lst.		silicified		
Ursa	245.85 m	T95-279		P			clay alt. mafic rock		clay alt.		
Ursa	260 m	T95-279	H				graphitic Lst.				
Ursa	266 m	T95-279	H				white Lst.				
Ursa	17.0 m	T95-286	H	A			bx sil. Lst.		silicified	bx	
Ursa	18.0 m	T95-286	H				bx sil. Lst.		silicified	bx	
Ursa	22.0 m	T95-286	H	P?			hem. bx Lst.			bx	
Ursa	25.6 m	T95-286	H	P			lim. bx Lst.			bx	
Ursa	28.0 m	T95-286	H				tan dol.				
Ursa	42.0 m	T95-286		A			bx sil. Lst.		silicified	bx	
Ursa	DVL98-14		H				silicified red carbonate	LMGT	silicified	bx	
							stibnite in moderately, silicified, vuggy				
* Ursa	DVL98-71		H	A/T			limestone	DOCH			boulder furthest to the west
* Ursa	DVL98-72		H	A/T			coarse stibnite float				should run for Au

TOTEM

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Area	Sample	Eastings	Northing	Elevation	DDH	H	P	W	G/A	U/P	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Totem	DBR98-100					H							sil. lst.		silicified			
Totem	DBR98-101					H							mafic volc.	MFCA				
Totem	DBR98-102					H	P						dol. bx	DOCH				
Totem	DBR98-103					H							sil. graphitic lst.	LMGT				
Totem	DBR98-118					H							lam. sil. lst.		silicified			
Totem	DBR98-1118B					H					F		vuggy qtz bx		silicified			
Totem	DBR98-120					H												
Totem	JSP98-3		24762			H							white/orange sil. Lst.	LMST 2?	silicified	chaotic bx		
Totem	JSP98-5		24800			H		W	G		F		white sil. Lst.	LMST 2?	silicified			
Totem	JSP98-7		24725			H		W?	G?				white/tan sil. Lst.	LMST 2?	silicified			
Totem	JSP98-8					H							dolost? Lst?	?	partly silicified		discordant block within silicified Lst.	
Totem	JSP98-10		24655			H							dk. grey sil. Lst.	LMGT	silicified	crackle to chaotic	float block, full range of brecciation	
Totem	JSP98-11	26950	24570			H							dk. grey sil. Lst.	LMST2?	silicified	10 - 30%		
Totem	JSP98-13	27125	24625			H		W	G				tan Lst.	LMST2?			boxwork weathering	
Totem	JSP98-14	26695	24595			H							mafic volcanics	MFTF	FeCO3			
Totem	JSP98-15	26690	24700			H					F		white sil. Lst.	LMST	silicified	50-60%		
Totem	JSP98-16					H	P	W	G				mafic volcanics	MFTF	chl., ser.			
Totem	JSP98-18	26950	24450			H							mafic volcanics	MFTF	????			
Totem	JSP98-19	26970	24510			H							mafic volcanics	MFTF	????			
Totem	JSP98-21A	26850	24375			H							Tan-lt. grey dolomite	DOCH		crackle bx		
Totem	JSP98-21B	26850	24375			H							dolomite	DOCH	FeCO3, 30% sil.	chaotic bx		
Totem	JSP98-22	27100	24590			H							dolomite	LMST2?	40% sil.			
Totem	JSP98-23	27165	24655			H							sil. graphitic Lst.	LMGT2	silicified			
Totem	JSP98-24	27200	24835			H		W	G				sil. graphitic Lst.	LMGT2	silicified			
Totem	JSP98-28					H							graphitic Lst.	LMGT			cherty layers	
Totem	JSP98-29					H							white Lst.				some white chert nodules	
Totem	JSP98-32					H							mafic volcanics				hematite fractures	
Totem	JSP98-33					H			G				mafic volcanics				gouge, malachite	
Totem	JSP98-35					H		W	G				mafic volcanics					
Totem	JSP98-37A					H		W	G				hydrated ultramafic		hydrated		dk. green-black soapstone?	
Totem	JSP98-37B					H	P		G				ultramafic gouge		intense hydrotherm al alt.		asbestos!	

TOTEM

Totem	JSP98-38A				H														gabbro/hornblendite					pegmatitic zone			
Totem	JSP98-38B				H		W	G	U										gabbro/hornblendite					sample of more felsic end member.			
Totem	67.0 m				T83-23	H			A										sil. grey Lst.	arg. gry. Lst.	sil., clay, hematite.			clay altered Lst.		0.10	
Totem	88.0 m				T83-23	H			G										sil. grey Lst.	arg. gry. Lst.		bx		calcite veins, and minor fine pyrite along fractures			
Totem	148.4 m				T83-23	H			G										sil. grey Lst.	arg. gry. Lst.	silicified	bx		cut and bx'd by calcite veins, graphitic			
Totem	187.4 m				T83-23	H		W	G										feldspar porphyry ??	pink-white Lst	FeCO3	chaotic bx ?		check geochem for protolith			
Totem	210.9 m				T83-23	H			G										grey Lst.	DOCH	limonite?	chaotic bx		limonitic? matrix			
Totem	213.6 m				T83-23	H			G										sil. grey Lst.	DOCH	???	chaotic bx		calcite matrix, some silicified frags, some unknown alteration			
Totem	281.3 m				T85-92	H			G										sil. grey Lst.	grey-yellow sil. Lst.	silicified			calcite veins, some hematite along fractures			
Totem	273.25 m				T85-92	H			A										sil. graphitic Lst.	LMGT	silicified	bx		vuggy, graphitic, some hematite			
Totem	269.5 m				T85-92	H	P?		G										sil. graphitic Lst.	LMGT	50 % sil. ?			50% graphite, vuggy, cut by calcite veins			
Totem	252.5 m				T85-92	H													sil. graphitic Lst.	LMGT	silicified						
Totem	221.65 m				T85-92	H													sil. dk. grey Lst.	?	silicified	crackle bx		some hematite fractures, calcite veins			
Totem	191.85 m				T85-92	H													sil. dk. grey Lst.	?	silicified			calcite vugs and pods			
Totem	171.6 m				T85-92	H													sil. grey Lst.	?	silicified			fragmented by silica front?			
Totem	160.7 m				T85-92	H													sil. grey Lst.	?	silicified			calcite lined vugs along fractures, some limonite			
Totem	158.8 m				T85-92	H													sil. grey Lst.	?	silicified	crackle bx		calcite lined vugs along fractures, some limonite			
Totem	60.5 m				T85-95	H													white sil. Lst bx	tectonic bx	silicified clasts	tectonic, chaotic bx					
Totem	25.25 m				T85-99	H													altered mafic volc.		lim., ser, fuchsite			limonite and silica veins			
Totem	71.25 m				T85-101	H													sil. white-pink Lst. bx	black chert	silicified	chaotic bx					
Totem	73.0 m				T85-101	H													sil. grey-black Lst. bx	black chert	silicified	chaotic bx		same as 71.25m, just a different colour			

TOTEM

Totem	113 m			T85-101	H						sil. white-grey Lst. bx	sil. white Lst. bx	silicified clasts	chaotic bx	continuous over about 40 m		
Totem	DVL98-11	24660	26900		H						sil. gray laminated limestone	LMGT (2)	intense silicification	fine breccia			
Totem	DVL98-12	24800	26903		H						sil. white lst bx	LMST (2?)	intense silicification	breccia			
Totem	DVL98-13				H						black graphitic siliceous sliver	black chert	silicification		limonitic stain		
Totem	DVL98-15				H						rusty-stained white silicified limestone breccia	LMST (2?)	silicification, pyrite	breccia			
Totem	DVL98-60		26.5m	T84-62	H						white sil. lst fragments in orange-weathering carbonate-rich matrix		silicification				
abbreviations: bx = breccia; sil. = silicified (100% unless specified); chl. = chlorite; ser. = sericite																	

KODIAK_A

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Kodiak A	DBR98-105	24500	26100	1895 bench		H							graphitic micrite	LMGT				0.10
Kodiak A	DBR98-106	24500	26100	1895 bench			P											
Kodiak A	DBR98-107	24500	26100	1895 bench					A									2.64
Kodiak A	DBR98-108	24500	26100	1895 bench					A									2.16
Kodiak A	DBR98-109	24500	26100	1895 bench		H												
Kodiak A	DBR98-110	24500	26100	1895 bench			P		A									4.05
Kodiak A	DBR98-111	24500	26100	1895 bench					A									0.10, 0.69
Kodiak A	DBR98-112	24500	26100	1895 bench			P		A									0.07
Kodiak A	DBR98-113	24500	26100	1895 bench		H												
Kodiak A	DBR98-114	24500	26100	1895 bench		H												
Kodiak A	DBR98-160	24500	26110	1890 bench					AG									286.77
Kodiak A	DBR98-160B	24500	26110	1890 bench					AG									16.70
Kodiak A	DBR98-161	24370	26130	1890 bench					AG									18.00
Kodiak A	DBR98-162	24360	26140	1890 bench					AG									8.57
Kodiak A	8 m				T94-212	H							white sil. Lst. bx		silicified	bx	calcite matrix, same as T94-219-15.0 m	
Kodiak A	17 m				T94-212	H			AG				pink Lst. bx				hem. and lim. on fractures	0.38
Kodiak A	28.5 m				T94-212	H							pink Lst. bx				no gold	
Kodiak A	46.5 m				T94-212		P		AG				weathered bx'd Lst.			bx	lim. and hem., 22.49 g/t zone	55.92
Kodiak A	65.8 m				T94-212	H							white Lst.		part sil. ?	crackle bx	carbonate matrix	
Kodiak A	16.7 m				T94-219						F		sil. Lst bx		silicified	bx	calcite matrix	
Kodiak A	15.0 m				T94-219				AG				sil. Lst bx	rehealed fault	silicified	fault bx		0.10
Kodiak A	14.9 m				T94-219				AG				limonite gouge					3.05
Kodiak A	15.7 m				T94-219	H							sil. Lst bx		silicified	bx	discrete 1 mm clay gouge zones 3.73 g/t zone	
Kodiak A	23.10 m				T94-219	H							grey Lst. w/pink cc				no gold	
Kodiak A	25.2 m				T94-219	H							pink bx	grey Lst.		bx		
Kodiak A	29.6 m				T94-219	H							pink bx w/ vugs			bx	2.60 g/t zone	
Kodiak A	30.5 m				T94-219				AG				limonitic rubble				some hem. fractures, 2.09 g/t zone	22.97
Kodiak A	36.1 m				T94-219	H							sil. Lst. (pink-grey)		silicified			
Kodiak A	41.75 m				T94-219	H							sil. Lst. bx		silicified	bx	calcite matrix	
Kodiak A	42.2 m				T94-219	H			AG		F		sil. Lst. (weak bx)		silicified	weak bx	calcite matrix	6.58
Kodiak A	48.0 m				T94-219				AG				white sil. Lst.		silicified		no limonite	1.85
Kodiak A	49.5 m				T94-219		P		AG				lim. fault gouge					0.10
Kodiak A	53 m				T94-219				AG				sil. Lst. bx		silicified	bx	calcite veinlets, lim. gouge	3.05

KODIAK_A

Kodiak A	93 m			T94-219	H					white Lst.		partial sil. ?		not bx'd	
Kodiak A	42.25 m			T94-230		P	AG		Pr?	hem-lim bx fault zone		fault bx		hem. dominated fault bx assayed	42.34
Kodiak A	42.90 m			T94-230			AG			hem-lim bx fault zone		fault bx		lim. dominated fault bx assayed	47.11
X Kodiak A	DVL98-16	24825	26500		H	P	G			Fe-carb. altered tuff, 2	MFCA	Fe-carb.			0.17
Kodiak A	DVL98-17				H		G			jasperoid with vugs	black chert	silicification	small, mixed cl	bedding parallel, altered karst?	0.48
X Kodiak A	DVL98-18	24775	26420		H	P	G			altered dolomite	DOCH		cut by network of quartz vei	"Crackle DOCH"	0.21
6 Kodiak A	DVL98-19				H	P				sil. dolomite with chert pods	DOCH	ibid		bedding disappears into silica zones	0.27
Kodiak A	DVL98-20a				H					tan limestone		ibid		rusty stains on fractures	
Kodiak A	DVL98-20b				H					granodiorite	GRDF	epidote		weak foliation	
7 Kodiak A	DVL98-21	24665	26340		H	P				silicified dolomite	DOCH	network silica			0.10
X Kodiak A	DVL98-22				H	P				dolomite with chert pods	DOCH	network silicification		"Crackle DOCH"	0.17
X Kodiak A	DVL98-23				H	P				tan dolomite	DOCH	network silicification		"Crackle DOCH"	0.07
Kodiak A	DVL98-24				H					brown, f.g., sediment		sanded?		decalcified?, some vugs	
Kodiak A	DVL98-25	24625	26380		H					quartz-calcite crystals from fracture				fracture 1m long	
Kodiak A	DVL98-26	24595	26300		H					moderately altered lst	LMST	weakly silicified?			trace
Kodiak A	DVL98-27a,b	24605	26245		H					contact zone between white silicified lst breccia and brecciated dolomite		silicified		black and white fragments	0.10
X Kodiak A	DVL98-28				H	P				less altered white limestone	LMST				1.03
Kodiak A	DVL98-29	24520	26530		H					pinkish angular clasts in tan limey matrix					0.14
Kodiak A	DVL98-30	24400	26500		H					white limestone	LMST				0.24
Kodiak A	DVL98-31				H					black chert				primary??, at end of trench, near calcite zone	0.07
X Kodiak A	DVL98-34				H	P				calcite-cemented limestone		weakly silicified?			trace
Kodiak A	DVL98-35	24600	26300		H	P				variably silicified bedded lst		only some beds silicified		transition zone from Totem Silica zone	
Kodiak A	DVL98-36				H	P				moderately altered lst	LMST	weakly silicified?		decalcified?	
7 Ridge Zone	DVL98-73				H		W G			pink to white silicified lst cut by late carbonate veinlets			moderately silicified		0.20
X Ridge Zone	DVL98-74				H		W G			tan weathering lst, weakly foliated			decalcified?		0.13

KODIAK_A

Ridge Zone	DVL98-75					H	W	G							pinkish chert pods in limestone			weakly decalcified?				0.34	
Kodiak A	DVL98-104					H									white limestone	LMST		fracture-controlled iron carb	crackle texture				
Kodiak A	DVL98-105					H									black silicified fractures cutting dolomite	DOCH		sil.					
Kodiak A	DVL98-106					H									black jasperoid pod, 5-10% vugs	DOCH		intense sil., rusty stain					

Handwritten scribbles and a circled 'X' mark on the left side of the table.

KODIAK_B

Golden Bear Sample list -- 1998																		
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Assay Results Au (g/t) (mine lab)
Kodiak B	76 m				T84-050				A				lim-clay alt. felsic dyke (=mud)		lim-clay alt.			
Kodiak B	85 m				T84-050	H							sil. bx		silicified	bx		
Kodiak B	86 m				T84-050	H							lim. sil. bx		sil., lim.	bx		
Kodiak B	87 m				T84-050				A				clay alt. dyke		clay alt.			
Kodiak B	92.5 m				T84-050		P		A				clay alt. dyke		clay alt.			
Kodiak B	94.25 m				T84-050	H			A				sil. bx		silicified			
Kodiak B	100 m				T84-061	H		W	A				felsic dyke					
Kodiak B	101 m				T84-061	H							felsic dyke					
Kodiak B	108.7-110.4 m				T81-064					U/Pb			felsic dyke					
Kodiak B	108.51 m				T81-064				A				pyritic dyke contact					
Kodiak B	109 m				T81-064		P	W					felsic dyke					
Kodiak B	127 m				T81-066	H	P						clay alt. pyritic felsic dyke		clay alt.			
Kodiak B	121.8 m				T84-068		P			U/Pb							no gold	
Kodiak B	133.95 m				T84-071		P		A				clay alt. felsic dyke		clay alt.			
Kodiak B	135.5 m				T84-071				A			Pr	sheared pyritic felsic dyke					
Kodiak B	approx 135 m				T84-071					U/Pb			felsic dyke					
Kodiak B	15.35 m				T94-232	H							pink sil. Lst. bx	LMSL	silicified	crackle bx	calcite and limonite veins	
Kodiak B	36.4 m				T94-232	H							white-grey sil. Lst.	LMSL	silicified		calcite and limonite veins	
Kodiak B	56.18 m				T94-232	H							pink-white sil Lst.	LMSL	silicified	minor crackle	calcite and limonite veins	
Kodiak B	67.00 m				T94-232	H							Fleece Fault bx	gouge		chaotic bx	silicified clasts, limonite matrix, ran 2.30 g/t	
Kodiak B	71.2 m				T94-232	H						Pr	sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags, ran 18.47 g/t	
Kodiak B	72.00 m				T94-232	H							sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags	
Kodiak B	78 m				T94-232	H			AG		F		sil. lim. bx	DOCH	silicified	chaotic bx	dark sil frags, ran 4.38 g/t	4.70
Kodiak B	81.5 m				T94-232	H	P		AG			Pr	sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags, ran 10.90 g/t	12.82
Kodiak B	88.5 m				T94-232	H			AG				sil. lim. bx	DOCH	silicified	bx	less bx'd than above samples, less limonitic, ran 1.23 g/t	0.82
Kodiak B	102.5 m				T94-232	H							dk. grey Lst. bx	DOCH	silicified	bx	more massive than above samples, ran 1.30 g/t	

KODIAK_B

Kodiak B	107 m				T94-232	H						dk. grey Lst. bx	DOCH	silicified	bx	well bx'd + limonitic, but no Au!
Kodiak B	118 m				T94-232	H						dk. grey Lst. bx	DOCH	silicified	bx	same rock, more calcite veins than limonite
Kodiak B	239 m				T95-296	H						white Lst.				
Kodiak B	242 m				T95-296		P	W		U/Pb		amigdaloidal basalt				
Kodiak B	242 b				T95-296		P					clay gouge				
Kodiak B	245.2 m				T95-296	H						graphitic Lst.	LMGT			
Kodiak B	252 m				T95-296		P	W	A			hem. felsic dykelet				

REGIONAL

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
	DBR98-163																	
	DBR98-165																	
W. of Totem Pad	DBR98-167								AG				lim. coated crushed sil. rock-like bear main ore				lim. rich fracture zone	0.31
SLAM	DBR98-171					H		W	A				sil. Lst. bx		silicified	bx	silica + pyrite matrix	
SLAM	DBR98-171B						P	W	AG				feldspar porphyry dyke		clay		cuts sil. Lst. bx	0.34
SLAM	DBR98-171C					H							sil. Lst. bx		silicified	bx	silica matrix	
SLAM	DBR98-171D					H							sil. Lst. bx		silicified	bx		
SLAM	DBR98-172					H			AG				sil. Lst.		silicified		laminated, fine sulphides	0.10
SLAM	DBR98-172B					H			A				sil. Lst. bx		silicified	bx	sooty sulphide	
SLAM	DBR98-172C								AG									0.10
SLAM	DBR98-173					H	P						feldspar porphyry dyke (Sloko)		clay		cuts sil. Lst. bx	
SLAM	DBR98-173B										F		sil. Lst. bx		silicified	bx		
SLAM	DBR98-175					H			A				dk. grey sil. Lst. bx		silicified	bx	partially pitted out matrix, arg., and sil. Lst. frags	0.34
W. of Ursa	JSP98-28					H							dk. grey graphitic Lst.	LMGT			fine lamination	
W. of Ursa	JSP98-29					H							white Lst.					
Muddy Lk	JSP98-32					H							mafic volcanics					
Muddy Lk	JSP98-33					H			G				mafic volcanics		malachite			
Muddy Lk	JSP98-35					H		W	G				mafic volcanics					
Muddy Lk	JSP98-36						P						mafic volcanics gouge		clay, chl.			
Muddy Lk	JSP98-37A					H		W	G				hydrated ultramafic?		serpentine, talc		like black soapstone	
Muddy Lk	JSP98-37B					H							ultramafic? gouge		asbestos		asbestos gouge	
Muddy Lk	JSP98-38A					H							gabbro				pegmatitic	
Muddy Lk	JSP98-38B					H		W	G	U/Pb			gabbro					
Troy Ridge	JSP98-40	25180	25435			H		W	G				mafic volcanics		chlorite		px? hbl? phenocrysts	
Troy Ridge	JSP98-41	25375	25505			H							mafic volcanics		chlorite		px? hbl? phenocrysts	
Troy Ridge	JSP98-42	25270	25400			H		W	G				mafic volcanics		chl., ser.		px? hbl? phenocrysts	
Troy Ridge	JSP98-43	24765	25390			H		W	G				gabbro					
West Road	DVL98-37					H							white chert nodule 1st	LMBC?				
West Road	DVL98-38?								WG				gray limestone with tan to gray chert nodules	LMST (1)?				
West Road	DVL98-39					H			WC				gray dolomite with black chert pods	DOCH?				
West Road	DVL98-40					H			WG									

analy. sample ✓

BEAR

Golden Bear Sample list -- 1998																		
Area	Sample	Easting	Northing	Elevation	DDH	AG = assay at Golden Bear								Unit	Alteration	Brecciation	Comments	Assay Results
						H	P	W	G/A	U/Pb	F	Pr	Lithology					Au (g/t) (mine lab)
Bear	DBR98-115					H											8.47	
Bear	DBR98-116					H											41.83	
Bear	DBR98-155					H											0.739	
Bear	DBR98-155 B																0.754	
Bear	DBR98-155 C																0.034	
Bear	DBR98-159																115.064	
Bear	DBR98-159 B					H											3.703	
Bear	DBR98-159 C					H											11.966	
Bear	DBR98-159 D					H	P										26.160	
Bear	DBR98-159 E					H											0.171	
Bear	DVL98-50			30m	B83-14	H											calcite-quartz vein and bx with some vugs lining qtz cuts MFCA, some bx including one black fragment (lmst?)	
Bear	DVL98-51			52.8m	B83-14	H											two generations of qtz veinlets cutting Fe-carb altered mafic tuff MFCA	
Bear	DVL98-52			62m	B83-14	H	P										veined andesite with green mica MFCA green illite	
Bear	DVL98-53			63.45m	B83-14	H											sooty pyrite band MFCA	
Bear	DVL98-54			75m	B83-14	H											chlorite-calcite veinlet cuts massive flow MFCA	
Bear	DVL98-55			85m	B83-14	H											chaotic white silicified bx white and some black clasts	
Bear	DVL98-56			67m	B83-14	H											white subangular silicified clasts in black, siliceous matrix with very tiny vugs primary or secondary clasts	
Bear	DVL98-57a,b,c			92.5m	B83-14	H											siliceous patch or chert pod with some vugs	
Bear	DVL98-58			108.1m	B83-14	H											polyolithic breccia	
Bear	DVL98-59			23.5m	B85-89	H											gabbro/diorite?	
Bear	DVL98-102			9.2m	B86-119	H											polymictic breccia silicified, sooty pyrite, yello pyritic tuff intersected immediately below till in Bear Main zone	
Bear	DVL98-103			9.3m	B86-119	H											polymictic breccia silicified, sooty pyrite, yello bottle roll leach test	

GRIZZLY

Golden Bear Sample list -- 1998																		
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Assay Results Au (g/t) (mine lab)
Grizzly	143 m				G95-124	H			A									
Grizzly	7 m				G95-125	H												
Grizzly	19.7 m				G95-125		P		A									
Grizzly	24.7 m				G95-125			W										
Grizzly	29 m				G95-125	H												
Grizzly	31.7 m				G95-125				A									
Grizzly	44 m				G95-125						F							
Grizzly	53.2 m				G95-125	H		W										
Grizzly	55 m				G95-125		P	W										
Grizzly	85 m				G95-125	H		W	A									
Grizzly	87.5 m				G95-125	H			A									
Grizzly	88 m				G95-125		P											
Grizzly	90 m				G95-125	H												
Grizzly	99 m				G95-125	H												
Grizzly	100.4 m				G95-125				A								any Fe?	
Grizzly	110 m				G95-125	H		W										
Grizzly	146.5 m				G95-126	H			A									
Grizzly	165 m				G95-126	H			A									
Grizzly	163.5 m				G95-128	H												
Grizzly	166 m				G95-128	H	P	W	A									
Grizzly	167 m				G95-128				A			Pr?						
Grizzly	174 m				G95-128	H		W										
Grizzly	165 m				G97-364	H		W		U/Pb								
Grizzly	195 m				G97-364	H		W		U/Pb								
Grizzly	DVL98-91			8.1m	G95-UG1	H	P		G				v.f.g. foliated and banded volcanic tuff	MFCA	Fe-carb, 5-7% pyrite			
Grizzly	DVL98-92			11.1m	G95-UG1	H	P		G				tan volcanic tuff?	MFCA	Fe-carb, up to 20% pyrite, minor green clay			
Grizzly	DVL98-98			3.6m	G95UG11	H			xrd				white alteration mineral of volcanic, talc??	MFCA			confused contact/structural zone	
Grizzly	DVL98-99			8.5m	G95UG11	H			U/Pb				m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI				
Grizzly	DVL98-100			6m	G95UG11	H			Ar/Ar				m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI	green clay			
Grizzly	DVL98-108			523'	G99-373	H							grey net-textured mafic intrusive rock		tr. diss. pyrite		magnetic	

Fleece Bowl

Golden Bear Sample list -- 1998													Fleece Bowl				Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciatio	Comments	Au (g/t) (mine lab)
Fleece Bowl	DVL98-32					H							laminated graphite chert with impure laminae				primary?	0.10
Fleece Bowl	DVL98-33					H							dolomite with chert po	DOCH			near DDH collar for 77	
Fleece Bowl	DVL98-61	T96-350	Kadink B		7m	H		W	G				banded v.f.g. pyritic si	PHYL	silicification			
Fleece Bowl	DVL98-62	T96-350		5m	H	P							ibid	PHYL				
Fleece Bowl	DVL98-63	T96-350		8m	H								some silicified bands	PHYL				
Fleece Bowl	DVL98-64	T96-350		25.2m	H		W	G					multicoloured jasperoi	LMSL	intenses silicification			
Fleece Bowl	DVL98-65	T96-350		28.8m	H	P?	W?						orange, granular matri	MFCA			not volcanic, recent karst	
Fleece Bowl	DVL98-66	T96-350		34.75m	H								crackle breccia textur	MFCA				
Fleece Bowl	DVL98-67	T96-350		59.85m	H	P							black graphitic mud m	GOUG			turns to clay with addition of water	
Fleece Bowl	DVL98-68	T96-350		61.12m	H	P		A					greenish-gray clasts i	PYTF	10% py			
Fleece Bowl	DVL98-69	T96-350		70.5m	H								dolomite with chert po	DOCH			footwall	
Fleece Bowl	DVL98-76						H						chloritized mafic volca	MF	chloritized		small amygdules	
Fleece Bowl	DVL98-77					H	P		G			crowded plagioclase porphyry dy	Fe-carb and clay alteration			2-3% py, 15% ragged biotite?		
Fleece Bowl	DVL98-78					H	P		G			v.f.g. pyrite in gray sili	GOUG	sil, clay		Black Fault zone	0.03	
Fleece Bowl	DVL98-79					H	P		G			ibid	GOUG	sil, clay		Black Fault zone; mo	0.34	
Fleece Bowl	DVL98-80					H						interbedded impure chert and graphitic argillite				recessive unit?		
Fleece Bowl	DVL98-81					H						silicified limestone	DOCH					
Fleece Bowl	DVL98-82					H						f.g. pyritic volcanic tuf	MFCA	Fe-carb				
Fleece Bowl	DVL98-83					H						sil. limestone		sil.		1-2m beds		
Fleece Bowl	DVL98-84					H					?	calcite crystals rimming eroded karst cavity				5 cm along		
Fleece Bowl	DVL98-85	24675	25800			H			u/lc			brown moderately consolidated m	iron-carbonate?			contains pk chert an	0.27 & 0.07	
Fleece Bowl	DVL98-86	24675	25800			H			u/lc			pink chert in white lst	LMST(1)	weak silicification?				
Fleece Bowl	DVL98-87	24675	25800			H			u/lc			pink chert patch	LMST (1)			same as 86		
Fleece Bowl	DVL98-88	24675	25800			H						white limestone	LMST (1)			same as 86		
Fleece Bowl	DVL98-89					H						sil. polymictic fault bx	HLBX	intense sil.	polymictic	chert, volc, lst		
Fleece Bowl	DVL98-90					H	P					altered mafic tuff	MFCA	Fe-carb., illite alt'n		impressive green illite colour		
Fleece Bowl	DVL98-93				11.9m	H						silicified? lst breccia w	LMSL			sanded?		
Fleece Bowl	DVL98-94				41.8m	H						variably crackle brecci	LMSL					
Fleece Bowl	DVL98-95				49.25m	H						hematitic matrix to gr	GOUG			some clasts contain clasts, hmeatite matrix fizzes on powdered surface, moderately consolidated		
Fleece Bowl	DVL98-96				50.3m	H						angular silicified clast	MFCA			some colour variation in clasts (gray to black)		
Fleece Bowl	DVL98-97				~63m?	H						breccia and crackle br	DOCH					
Fleece Bowl	DVL98-107					H						black silicified gouge,	HLBX	silicification				

7
Kadink B

DDH# 15

BEAR

no 101? 22 9/92 [DVK] 2493
AO

Golden Bear Sample list -- 1998

AG = assay at Golden Bear																Assay Results		
Area	Sample	Eastings	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Bear	DBR98-115					H			AG				pyritic sil. bx	SIBX	80% sil	chaotic	low grade stockpile	8.47
Bear	DBR98-116					H			AG				pyritic sil. bx	SIBX	80% sil	chaotic	low grade stockpile	41.83
Bear	DBR98-155					H			AG									0.739
Bear	DBR98-155 B								AG									0.754
Bear	DBR98-155 C								AG									0.034
Bear	DBR98-159								AG									115.064
Bear	DBR98-159 B					H			AG									3.703
Bear	DBR98-159 C					H			AG									11.966
Bear	DBR98-159 D					H	P		AG									26.160
Bear	DBR98-159 E					H			AG									0.171
Bear	DVL98-50 ✓			30m	B83-14	H							calcite-quartz vein and bx with some vugs lining qtz				cuts MFCA, some bx including one black fragment (lmst?)	
Bear	DVL98-51 ✓			52.8m	B83-14	H							two generations of qtz veinlets cutting Fe-carb altered mafic tuff	MFCA				
Bear	DVL98-52 ✓			62m	B83-14	H	P						veined andesite with green mica	MFCA	green illite			
Bear	DVL98-53 ✓			63.45m	B83-14	H							sooty pyrite band	MFCA				
Bear	DVL98-54 ✓			75m	B83-14	H							chlorite-calcite veinlet cuts massive flow	MFCA				
Bear	DVL98-55 ✓			85m	B83-14	H							chaotic white silicified bx			white and some black clasts		
Bear	DVL98-56 ✓			67m	B83-14	H							white subangular silicified clasts in black, siliceous matrix with very tiny vugs			primary or secondary clasts		
Bear	DVL98-57a,b,c ✓			92.5m	B83-14	H							siliceous patch or chert pod with some vugs					
Bear	DVL98-58 ✓			108.1m	B83-14	H							polyolithic breccia					
Bear	DVL98-59 ✓			23.5m	B85-89	H							gabbro/diorite?					
Bear	DVL98-102 ✓			9.2m	B86-119	H							polymictic breccia		silicified, sooty pyrite, yello		pyritic tuff intersected immediately below till in Bear Main zone	
Bear	DVL98-103 ✓			9.3m	B86-119	H							polymictic breccia		silicified, sooty pyrite, yello		bottle roll leach test	

10102

108, 109

Fleece Bowl

Golden Bear Sample list -- 1998													Fleece Bowl				Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Fleece Bowl	DVL98-32					H							laminated graphite chert with impure laminae				primary?	0.10
Fleece Bowl	DVL98-33					H							dolomite with chert po	DOCH			near DDH collar for 77	
Fleece Bowl	DVL98-76					H							chloritized mafic volca	MF	chloritized		small amygdules	
Fleece Bowl	DVL98-77					H	P		G				crowded plagioclase porphyry dy		Fe-carb and clay alteration		2-3% py, 15% ragged biotite?	
Fleece Bowl	DVL98-78					H	P		G				v.f.g. pyrite in gray sili	GOUG	sil, clay		Black Fault zone	0.03
Fleece Bowl	DVL98-79					H	P		G				ibid	GOUG	sil, clay		Black Fault zone; mo	0.34
Fleece Bowl	DVL98-80					H							interbedded impure chert and graphitic argillite				recessive unit?	
Fleece Bowl	DVL98-81					H							silicified limestone	DOCH				
Fleece Bowl	DVL98-82					H							f.g. pyritic volcanic tuf	MFCA	Fe-carb			
Fleece Bowl	DVL98-83					H							sil. limestone		sil.		1-2m beds	
Fleece Bowl	DVL98-84					H						?	calcite crystals rimming eroded karst cavity				5 cm along	
Fleece Bowl	DVL98-85	24675	25800			H							brown moderately consolidated m		iron-carbonate?		contains pk chert an	0.27 & 0.07
Fleece Bowl	DVL98-86	24675	25800			H							pink chert in white lst	LMST(1)	weak silicification?			
Fleece Bowl	DVL98-87	24675	25800			H							pink chert patch	LMST (1)			same as 86	
Fleece Bowl	DVL98-88	24675	25800			H							white limestone	LMST (1)			same as 86	
Fleece Bowl	DVL98-89					H							sil. polymictic fault bx	HLBX	intense sil.	polymictic	chert, volc, lst	
Fleece Bowl	DVL98-90					H	P						altered mafic tuff	MFCA	Fe-carb., illite alt'n		impressive green illite colour	
Fleece Bowl	DVL98-107					H							black silicified gouge,	HLBX	silicification			
Fleece Bowl	DVL98-61				7m	H		W	G				banded v.f.g. pyritic si	PHYL	silicification			
Fleece Bowl	DVL98-62				5m	H	P						ibid	PHYL				
Fleece Bowl	DVL98-63				8m	H							some silicified bands	PHYL				
Fleece Bowl	DVL98-64				25.2m	H		W	G				multicoloured jasperoi	LMSL	intensifies silicification			
Fleece Bowl	DVL98-65				28.8m	H	P?	W?					orange, granular matri	MFCA			not volcanic, recent karst	
Fleece Bowl	DVL98-66				34.75m	H							crackle breccia textur	MFCA				
Fleece Bowl	DVL98-67				59.85m	H	P						black graphitic mud m	GOUG			turns to clay with addition of water	
Fleece Bowl	DVL98-68				61.12m	H	P		A				greenish-gray clasts i	PYTF	10% py			
Fleece Bowl	DVL98-69				70.5m	H							dolomite with chert po	DOCH			footwall	
Fleece Bowl	DVL98-93				11.9m	H							silicified? lst breccia w	LMSL			sanded?	
Fleece Bowl	DVL98-94				41.8m	H							variably crackle brecci	LMSL				
Fleece Bowl	DVL98-95				49.25m	H							hematitic matrix to gr	GOUG			some clasts contain clasts, hmeatite matrix fizzes on powdered surface, moderately consolidated	
Fleece Bowl	DVL98-96				50.3m	H							angular silicified clast	MFCA			some colour variation in clasts (gray to black)	
Fleece Bowl	DVL98-97				~63m?	H							breccia and crackle br	DOCH				

GRIZZLY

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Grizzly	143 m				G95-124	H			A									
Grizzly	7 m				G95-125	H												
Grizzly	19.7 m				G95-125		P		A									
Grizzly	24.7 m				G95-125			W										
Grizzly	29 m				G95-125	H												
Grizzly	31.7 m				G95-125				A									
Grizzly	44 m				G95-125						F							
Grizzly	53.2 m				G95-125	H		W										
Grizzly	55 m				G95-125		P	W										
Grizzly	85 m				G95-125	H		W	A									
Grizzly	87.5 m				G95-125	H			A									
Grizzly	88 m				G95-125		P											
Grizzly	90 m				G95-125	H												
Grizzly	99 m				G95-125	H												
Grizzly	100.4 m				G95-125				A								any Fe?	
Grizzly	110 m				G95-125	H		W										
Grizzly	146.5 m				G95-126	H			A									
Grizzly	165 m				G95-126	H			A									
Grizzly	163.5 m				G95-128	H												
Grizzly	166 m				G95-128	H	P	W	A									
Grizzly	167 m				G95-128				A			Pr?						
Grizzly	174 m				G95-128	H		W										
Grizzly	165 m				G97-364	H		W		U/Pb								
Grizzly	195 m				G97-364	H		W		U/Pb								
Grizzly	DVL98-108	✓		523'	G99-373	H							grey net-textured mafic intrusive rock		tr. diss. pyrite		magnetic	
Grizzly	DVL98-91	✓		8.1m	G95-UG1	H			G				v.f.g. foliated and banded volcanic tuff	MFCA	Fe-carb, 5-7% pyrite			
Grizzly	DVL98-92	✓		11.1m	G95-UG1	H	P		G				tan volcanic tuff?	MFCA	Fe-carb, up to 20% pyrite, minor green clay			
Grizzly	DVL98-98	✓		3.6m	G95UG11	H			xrd				white alteration mineral of volcanic, talc??	MFCA			confused contact/structural zone	
Grizzly	DVL98-99	✓		8.5m	G95UG11	H				U/Pb			m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI				
Grizzly	DVL98-100	✓		6m	G95UG11	H				Ar/Ar			m.g. monzodiorite with plagioclase and ragged ferromagnesian	GRDI	green clay			

KODIAK_A

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Kodiak A	DBR98-105	24500	26100	1895 bench		H							graphitic micrite	LMGT				0.10
Kodiak A	DBR98-106	24500	26100	1895 bench			P											
Kodiak A	DBR98-107	24500	26100	1895 bench					A									2.64
Kodiak A	DBR98-108	24500	26100	1895 bench					A									2.16
Kodiak A	DBR98-109	24500	26100	1895 bench		H												
Kodiak A	DBR98-110	24500	26100	1895 bench			P		A									4.05
Kodiak A	DBR98-111	24500	26100	1895 bench					A									0.10, 0.69
Kodiak A	DBR98-112	24500	26100	1895 bench			P		A									0.07
Kodiak A	DBR98-113	24500	26100	1895 bench		H												
Kodiak A	DBR98-114	24500	26100	1895 bench		H												
Kodiak A	DBR98-160	24380	26110	1890 bench					AG									286.77
Kodiak A	DBR98-160B	24380	26110	1890 bench					AG									16.70
Kodiak A	DBR98-161	24370	26130	1890 bench					AG									18.00
Kodiak A	DBR98-162	24360	26140	1890 bench					AG									8.57
Kodiak A	8 m				T94-212	H							white sil. Lst. bx		silicified	bx	calcite matrix, same as T94-219-15.0 m	
Kodiak A	17 m				T94-212	H			AG				pink Lst. bx				hem. and lim. on fractures	0.38
Kodiak A	28.5 m				T94-212	H							pink Lst. bx				no gold	
Kodiak A	46.5 m				T94-212		P		AG				weathered bx'd Lst.			bx	lim. and hem., 22.49 g/t zone	55.92
Kodiak A	65.8 m				T94-212	H							white Lst.		part sil. ?	crackle bx	carbonate matrix	
Kodiak A	16.7 m				T94-219						F		sil. Lst bx		silicified	bx	calcite matrix	
Kodiak A	15.0 m				T94-219				AG				sil. Lst bx	rehealed fault	silicified	fault bx		0.10
Kodiak A	14.9 m				T94-219				AG				limonite gouge					3.05
Kodiak A	15.7 m				T94-219	H							sil. Lst bx		silicified	bx	discrete 1 mm clay gouge zones 3.73 g/t zone	
Kodiak A	23.10 m				T94-219	H							grey Lst. w/pink cc				no gold	
Kodiak A	25.2 m				T94-219	H							pink bx	grey Lst.		bx		
Kodiak A	29.6 m				T94-219	H							pink bx w/ vugs			bx	2.60 g/t zone	
Kodiak A	30.5 m				T94-219				AG				limonitic rubble				some hem. 33.60 g/t zone	22.97
Kodiak A	36.1 m				T94-219	H							sil. Lst. (pink-grey)		silicified		some hem. fractures, 2.09 g/t zone	
Kodiak A	41.75 m				T94-219	H							sil. Lst. bx		silicified	bx	calcite matrix	
Kodiak A	42.2 m				T94-219	H			AG		F		sil. Lst. (weak bx)		silicified	weak bx	calcite matrix	6.58
Kodiak A	48.0 m				T94-219				AG				white sil. Lst.		silicified		no limonite	1.85
Kodiak A	49.5 m				T94-219		P		AG				lim. fault gouge					0.10
Kodiak A	53 m				T94-219				AG				sil. Lst. bx		silicified	bx	calcite veinlets, lim. gouge	3.05

KODIAK_A

Kodiak A	63 m				T94-219	H						white sil. Lst. bx		silicified	bx			
Kodiak A	70 m				T94-219	H						white Lst. bx			bx		minor sil. Lst. frags	
Kodiak A	72.3 m				T94-219	H						lim. fault zone					no gold	
Kodiak A	82 m				T94-219	H						white Lst.		partial sil.			not bx'd	
Kodiak A	93 m				T94-219	H						white Lst.		partial sil. ?			not bx'd	
Kodiak A	42.25 m				T94-230		P		AG		Pr?	hem-lim bx fault zone			fault bx		hem. dominated fault bx assayed	42.34
Kodiak A	42.90 m				T94-230				AG			hem-lim bx fault zone			fault bx		lim. dominated fault bx assayed	47.11
Kodiak A	DVL98-16	✓	24825	26500		H	P		G			Fe-carb. altered tuff, 2	MFCA	Fe-carb.				0.17
Kodiak A	DVL98-17	✓				H			G			jasperoid with vugs	black chert	silicification	small, mixed cl		bedding parallel, altered karst?	0.48
Kodiak A	DVL98-18	✓	24775	26420		H			G			altered dolomite	DOCH		cut by network of quartz vei		"Crackle DOCH"	0.21
Kodiak A	DVL98-19	✓				H						sil. dolomite with chert pods	DOCH	ibid			bedding disappears into silica zones	0.27
Kodiak A	DVL98-20a	✓				H						tan limestone		ibid			rusty stains on fractures	
Kodiak A	DVL98-20b	✓				H						granodiorite	GRDF	epidote			weak foliation	
Kodiak A	DVL98-21	✓	24665	26340		H						silicified dolomite	DOCH	network silica				0.10
Kodiak A	DVL98-22	✓				H						dolomite with chert pods	DOCH	network silicification			"Crackle DOCH"	0.17
Kodiak A	DVL98-23	✓				H						tan dolomite	DOCH	network silicification			"Crackle DOCH"	0.07
Kodiak A	DVL98-24	✓				H						brown, f.g., sediment quartz-calcite crystals from fracture		sanded?			decalcified?, some vugs	
Kodiak A	DVL98-25	✓	24625	26380		H						calcite-cemented limestone		weakly silicified?			fracture 1m long	
Kodiak A	DVL98-34	✓				H						variably silicified bedded lst					transition zone from Totem Silica zone	
Kodiak A	DVL98-35	✓	24600	26300		H						moderately altered lst	LMST	weakly silicified?			decalcified?	
Kodiak A	DVL98-36	✓				H						moderately altered lst	LMST	weakly silicified?				trace
Kodiak A	DVL98-26	✓	24595	26300		H						contact zone between white silicified lst breccia and brecciated dolomite			silicified		black and white fragments	0.10
Kodiak A	DVL98-27a,b	✓	24605	26245		H						less altered white limestone	LMST					
Kodiak A	DVL98-28	✓				H	P					pinkish angular clasts in tan limey matrix						0.14
Kodiak A	DVL98-29	✓	24520	26530		H						white limestone	LMST					0.24
Kodiak A	DVL98-30	✓	24400	26500		H						black chert					primary??, at end of trench, near calcite zone	0.07
Kodiak A	DVL98-31	✓				H												

no 30

KODIAK_A

Ridge Zone	DVL98-73	✓				H		W	G				pink to white silicified lst cut by late carbonate veinlets		moderately silicified		0.20
Ridge Zone	DVL98-74	✓				H		W	G				tan weathering lst, weakly foliated		decalcified?		0.13
Ridge Zone	DVL98-75	✓				H		W	G				pinkish chert pods in limestone		weakly decalcified?		0.34
Kodiak A	DVL98-104	✓				H							white limestone	LMST	fracture-controlled iron carb	crackle texture	
Kodiak A	DVL98-105	✓				H							black silicified fractures cutting dolomite	DOCH	sil.		
Kodiak A	DVL98-106	✓				H							black jasperoid pod, 5- 10% vugs	DOCH	intense sil., rusty stain		

KODIAK_B

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Kodiak B	76 m				T84-050				A				lim-clay alt. felsic dyke (=mud)		lim-clay alt.			
Kodiak B	85 m				T84-050	H							sil. bx		silicified	bx		
Kodiak B	86 m				T84-050	H							lim. sil. bx		sil., lim.	bx		
Kodiak B	87 m				T84-050				A				clay alt. dyke		clay alt.			
Kodiak B	92.5 m				T84-050		P		A				clay alt. dyke		clay alt.			
Kodiak B	94.25 m				T84-050	H			A				sil. bx		silicified			
Kodiak B	100 m				T84-061	H		W	A				felsic dyke					
Kodiak B	101 m				T84-061	H							felsic dyke					
Kodiak B	108.7-110.4 m				T81-064					U/Pb			felsic dyke					
Kodiak B	108.51 m				T81-064				A				pyritic dyke contact					
Kodiak B	109 m				T81-064		P	W					felsic dyke					
Kodiak B	127 m				T81-066	H	P						clay alt. pyritic felsic dyke		clay alt.			
Kodiak B	121.8 m				T84-068		P			U/Pb							no gold	
Kodiak B	133.95 m				T84-071		P		A				clay alt. felsic dyke		clay alt.			
Kodiak B	135.5 m				T84-071				A			Pr	sheared pyritic felsic dyke					
Kodiak B	approx 135 m				T84-071					U/Pb			felsic dyke					
Kodiak B	15.35 m				T94-232	H							pink sil. Lst. bx	LMSL	silicified	crackle bx	calcite and limonite veins	
Kodiak B	36.4 m				T94-232	H							white-grey sil. Lst.	LMSL	silicified		calcite and limonite veins	
Kodiak B	56.18 m				T94-232	H							pink-white sil Lst.	LMSL	silicified	minor crackle	calcite and limonite veins	
Kodiak B	67.00 m				T94-232	H							Fleece Fault bx	gouge		chaotic bx	silicified clasts, limonite matrix, ran 2.30 g/t	
Kodiak B	71.2 m				T94-232	H						Pr	sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags, ran 18.47 g/t	
Kodiak B	72.00 m				T94-232	H							sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags	
Kodiak B	78 m				T94-232	H			AG		F		sil. lim. bx	DOCH	silicified	chaotic bx	dark sil frags, ran 4.38 g/t	4.70
Kodiak B	81.5 m				T94-232	H	P		AG			Pr	sil. lim. bx	DOCH	silicified	chaotic bx	same as at 67 m, but smaller frags, ran 10.90 g/t	12.82
Kodiak B	88.5 m				T94-232	H			AG				sil. lim. bx	DOCH	silicified	bx	less bx'd than above samples, less limonitic, ran 1.23 g/t	0.82
Kodiak B	102.5 m				T94-232	H							dk. grey Lst. bx	DOCH	silicified	bx	more massive than above samples, ran 1.30 g/t	

KODIAK_B

Kodiak B	107 m					T94-232	H						dk. grey Lst. bx	DOCH	silicified	bx	well bx'd + limonitic, but no Au!
Kodiak B	118 m					T94-232	H						dk. grey Lst. bx	DOCH	silicified	bx	same rock, more calcite veins than limonite
Kodiak B	239 m					T95-296	H						white Lst.				
Kodiak B	242 m					T95-296		P	W		U/Pb		amigdaloidal basalt				
Kodiak B	242 b					T95-296		P					clay gouge				
Kodiak B	245.2 m					T95-296	H						graphitic Lst.	LMGT			
Kodiak B	252 m					T95-296		P	W	A			hem. felsic dykelet				
Kodiak B	8 m					T96-350			W	G			pyritic silicified tuff with lst fragments	PHYL	silicified	karst infill	DVL-98-61
Kodiak B	5 m					T96-350		P					pyritic silicified tuff with lst fragments	PHYL	silicified	karst infill	DVL-98-62
Kodiak B	8.25 m					T96-350	H						tuff and contact with sil. lst	PHYL	silicified	karst infill	DVL-98-63
Kodiak B	25.2 m					T96-350			W	G			multicoloured jasperoid				

TOTEM

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/P	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
Totem	DBR98-100					H							sil. lst.		silicified			
Totem	DBR98-101					H							mafic volc.	MFCA				
Totem	DBR98-102					H	P						dol. bx	DOCH				
Totem	DBR98-103					H							sil. graphitic lst.	LMGT				
Totem	DBR98-118					H							lam. sil. lst.		silicified			
Totem	DBR98-1118B					H					F		vuggy qtz bx		silicified			
Totem	DBR98-120					H												
Totem	JSP98-3	27952	24762			H							white/orange sil. Lst.	LMST 2?	silicified	chaotic bx		
Totem	JSP98-5	26800	24800			H		W	G		F		white sil. Lst.	LMST 2?	silicified			
Totem	JSP98-7	26900	24725			H		W?	G?				white/tan sil. Lst.	LMST 2?	silicified			
Totem	JSP98-8					H							dolost? Lst?	?	partly silicified		discordant block within silicified Lst.	
Totem	JSP98-10	26925	24655			H							dk. grey sil. Lst.	LMGT	silicified	crackle to chaotic	float block, full range of brecciation	
Totem	JSP98-11	26950	24670			H							dk. grey sil. Lst.	LMST2?	silicified	10 - 30%		
Totem	JSP98-13	27125	24625			H		W	G				tan Lst.	LMST2?			boxwork weathering	
Totem	JSP98-14	26695	24595			H							mafic volcanics	MFTF	FeCO3			
Totem	JSP98-15	26690	24700			H					F		white sil. Lst.	LMSL	silicified	50-60%		
Totem	JSP98-16					H	P	W	G				mafic volcanics	MFTF	chl., ser.			
Totem	JSP98-18	26950	24450			H							mafic volcanics	MFTF	????			
Totem	JSP98-19	26970	24510			H							mafic volcanics	MFTF	????			
Totem	JSP98-21A	26850	24375			H							Tan-lt. grey dolomite	DOCH		crackle bx		
Totem	JSP98-21B	26850	24375			H							dolomite	DOCH	FeCO3, 30% sil.	chaotic bx		
Totem	JSP98-22	27100	24590			H							dolomite	LMST2?	40% sil.			
Totem	JSP98-23	27165	24655			H							sil. graphitic Lst.	LMGT2	silicified			
Totem	JSP98-24	27200	24835			H		W	G				sil. graphitic Lst.	LMGT2	silicified			
Totem	JSP98-28					H							graphitic Lst.	LMGT			cherty layers	
Totem	JSP98-29					H							white Lst.				some white chert nodules	
Totem	JSP98-32					H							mafic volcanics				hematite fractures	
Totem	JSP98-33					H			G				mafic volcanics				gouge, malachite	
Totem	JSP98-35					H		W	G				mafic volcanics					
Totem	JSP98-37A					H		W	G				hydrated ultramafic		hydrated		dk. green-black soapstone?	
Totem	JSP98-37B					H	P		G				ultramafic gouge		intense hydrothermal alt.		asbestos!	

TOTEM

Totem	JSP98-38A				H									gabbro/hornblendite					pegmatitic zone			
Totem	JSP98-38B				H		W	G		U				gabbro/hornblendite					sample of more felsic end member.			
Totem	12.20 m				T83-23	H		W	G					mafic volcanics	MFCA	FeCO3						
Totem	12.6 m				T83-23	H	P		G					mafic volcanics	MFCA	chlorite						
Totem	58.1 m				T83-23	H		W	G					white Lst.	arg. gry. Lst.		crackle bx		pyrite filled fractures			
Totem	64.0 m				T83-23	H		W	G					sil. grey Lst.	arg. gry. Lst.	silicified	crackle bx		calcite veins cutting silica veins.			
Totem	67.0 m				T83-23	H			A					sil. grey Lst.	arg. gry. Lst.	sil., clay, hematite.			clay altered Lst.		0.10	
Totem	88.0 m				T83-23	H			G					sil. grey Lst.	arg. gry. Lst.		bx		calcite veins, and minor fine pyrite along fractures			
Totem	148.4 m				T83-23	H			G					sil. grey Lst.	arg. gry. Lst.	silicified	bx		cut and bx'd by calcite veins, graphitic			
Totem	187.4 m				T83-23	H		W	G					feldspar porphyry ??	pink-white Lst	FeCO3	chaotic bx ?		check geochem for protolith			
Totem	210.9 m				T83-23	H			G					grey Lst.	DOCH	limonite?	chaotic bx		limonitic? matrix			
																			calcite matrix, some silicified frags, some unknown alteration			
Totem	213.6 m				T83-23	H			G					sil. grey Lst.	DOCH	???	chaotic bx					
															grey-yellow sil. Lst.				calcite viens, some hematite along fractures			
Totem	281.3 m				T85-92	H			G					sil. grey Lst.	LMGT	silicified	bx		vuggy, graphitic, some hematite			
Totem	273.25 m				T85-92	H			A					sil. graphitic Lst.	LMGT	silicified	bx		50% graphite, vuggy, cut by calcite veins			
Totem	269.5 m				T85-92	H	P?		G					sil. graphitic Lst.	LMGT	50 % sil. ?						
Totem	252.5 m				T85-92	H								sil. graphitic Lst.	LMGT	silicified						
																			some hematite fractures, calcite veins			
Totem	221.65 m				T85-92	H								sil. dk. grey Lst.	?	silicified	crackle bx					
Totem	191.85 m				T85-92	H								sil. dk. grey Lst.	?	silicified			calcite vugs and pods			
Totem	171.6 m				T85-92	H								sil. grey Lst.	?	silicified			fragmented by silica front?			
																			calcite lined vugs along fractures, some limonite			
Totem	160.7 m				T85-92	H								sil. grey Lst.	?	silicified			calcite lined vugs along fractures, some limonite			
																			crackle bx			
Totem	158.8 m				T85-92	H								sil. grey Lst.	?	silicified	crackle bx		fractures, some limonite			
																			tectonic, chaotic bx			
Totem	60.5 m				T85-95	H								white sil. Lst bx	bx	silicified clasts						

TOTEM

Totem	25.25 m				T85-99	H						altered mafic volc.		lim.,ser, fuchsite		limonite and silica veins		
Totem	71.25 m				T85-101	H						sil. white-pink Lst. bx	black chert	silicified	chaotic bx			
Totem	73.0 m				T85-101	H						sil. grey-black Lst. bx	black chert	silicified	chaotic bx	same as 71.25m, just a different colour		
Totem	113 m				T85-101	H						sil. white-grey Lst. bx	sil. white Lst. bx	silicified clasts	chaotic bx	continuous over about 40 m		
Totem	DVL98-11	✓	24660	26900								sil. gray laminated limestone	LMGT (2)	intense silicification	fine breccia			
Totem	DVL98-12	✓	24800	26903		H						sil. white lst bx	LMST (2?)	intense silicification	breccia			
Totem	DVL98-13	✓				H						black graphitic siliceous sliver	black chert	silicification		limonitic stain		
Totem	DVL98-15	✓				H						rusty-stained white silicified limestone breccia	LMST (2?)	silicification , pyrite	breccia			
Totem	DVL98-60	✓			26.5m	T84-62	H					white sil. lst fragments in orange-weathering carbonate-rich matrix		silicification				
abbreviations: bx = breccia; sil. = silicified (100% unless specified); chl. = chlorite; ser. = sericite																		

URSA

Golden Bear Sample list -- 1998																	Assay Results
Area	Sample	DDH	H	P	W	G/A	U/Pb	F	Ar	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)	
Ursa	DBR98-120		H								graphitic micrite	LMGT					
Ursa	DBR98-122		H								"sanded" Lst.						
Ursa	DBR98-122B		H								vuggy Lst.						
Ursa	DBR98-122C			P							clay alt. sil. Lst. bx						
Ursa	DBR98-122D										partially sil. Lst.						
Ursa	DBR98-123			P							lim. mud in vug						
Ursa	DBR98-124		H								solution collapse bx			solution collapse			
Ursa	DBR98-124B		H								crackle bx			crackle bx	no silica		
Ursa	DBR98-125		H								micrite	LMGT					
Ursa	DBR98-126		H								white Lst.						
Ursa	DBR98-126B			P					Ar		dol. w/ coarse sericite						
Ursa	DBR98-131		H								hem. fract. LMGT	LMGT			hematite fractures		
Ursa	DBR98-133			P							hem. clay, ser. fract in LMGT	LMGT	hem., clay, ser				
Ursa	DBR98-134		H									LMGT					
Ursa	DBR98-136		H								carbonate bx			bx			
Ursa	DBR98-139			P	W	A	U/Pb				clay alt. felsic dyke		clay alt.				
Ursa	DBR98-139B			P							alt. felsic dyke						
	DBR98-139C															0.41	
	DBR98-139D															0.51	
	DBR98-139E															0.34	
Ursa	DBR98-141			P							bx'd felsic dyke			bx			
Ursa	DBR98-142		H								pink sil. DOCH	DOCH					
Ursa	DBR98-143			P?		AG					hem. fault bx			fault bx	Ursa Fault?	12.38	
Ursa	DBR98-143B			P?		AG					lim. fault bx			fault bx	Ursa Fault?	0.48	
Ursa	DBR98-143C					AG					hem. sil. fault bx			fault bx	Ursa Fault?	15.22	
Ursa	DBR98-143D					AG					hem. sil. bx				dk. grey sil. Lst. frags	6.17	
Ursa	DBR98-144					AG					malachite, lim. Lst. bx			bx		0.41	
Ursa	DBR98-145			P							tan/pink DOCH	DOCH	clay alt.				
Ursa	DBR98-146			P							clay rich rock						
Ursa	DBR98-147		H								Lst. bx			bx			

URSA

Ursa	DBR98-148		P	AG			hem. fault bx			fault bx	Ursa Fault?	2.40
Ursa	15.9 m	T95-268	H				LMGT	LMGT				
Ursa	54.0 m	T95-268	H		A		hem. rich bx			bx	hematite rich bx	
Ursa	58.0 m	T95-268	H				hem. sil. crackle bx		silicified	crackle bx		
Ursa	61.0 m	T95-268	H		A		sil. micritic Lst. bx		silicified	bx		
Ursa	61.25 m	T95-268	H				pitted alt. Lst.					
Ursa	68.3 m	T95-268	H				bx w/minor hem.			bx		
Ursa	69.5 m	T95-268	H			Pr	hem. rich bx			bx	hematite rich bx	
Ursa	70.2 m	T95-268	H		A		hem-lim. sil. bx			bx		
Ursa	77.1 m	T95-268		P			clay-lim. alt. mafic volc		clay/lim.			
Ursa	78.7 m	T95-268		P			carb. alt. mafic volc.		FeCO3			
Ursa	79.0 m	T95-268		P			clay alt. volc.		clay			
Ursa	82.6 m	T95-268	H				bx sil. Lst.		silicified	bx		
Ursa	84.0 m	T95-268	H				pink dol.					
Ursa	87.2 m	T95-268	H		W?		pink dol.					
Ursa	183.5 m	T95-279	H				LMGT	LMGT			soft sed. deformation	
Ursa	196 m	T95-279	H				LMGT	LMGT				
Ursa	205 m	T95-279	H				lim. bx Lst.			bx		
Ursa	207 m	T95-279	H				bx LMGT	LMGT		bx		
Ursa	242 m	T95-279	H				sil. Lst.		silicified			
Ursa	245.85 m	T95-279		P			clay alt. mafic rock		clay alt.			
Ursa	260 m	T95-279	H				graphitic Lst.					
Ursa	266 m	T95-279	H				white Lst.					
Ursa	17.0 m	T95-286	H		A		bx sil. Lst.		silicified	bx		
Ursa	18.0 m	T95-286	H				bx sil. Lst.		silicified	bx		
Ursa	22.0 m	T95-286	H	P?			hem. bx Lst.			bx		
Ursa	25.6 m	T95-286	H	P			lim. bx Lst.			bx		
Ursa	28.0 m	T95-286	H				tan dol.					
Ursa	42.0 m	T95-286			A		bx sil. Lst.		silicified	bx		
Ursa	DVL98-14		H				silicified red carbonate	LMGT	silicified	bx		
Ursa	DVL98-71		H		A/T		stibnite in moderately, silicified, vuggy limestone	DOCH			boulder furthest to the west	
Ursa	DVL98-72		H		A/T		coarse stibnite float				should run for Au	

REGIONAL

Golden Bear Sample list -- 1998																	Assay Results	
Area	Sample	Easting	Northing	Elevation	DDH	H	P	W	G/A	U/Pb	F	Pr	Lithology	Unit	Alteration	Brecciation	Comments	Au (g/t) (mine lab)
	DBR98-163																	
	DBR98-165																	
W. of Totem Pad	DBR98-167								AG				lim. coated crushed sil. rock-like bear main ore				lim. rich fracture zone	0.31
SLAM	DBR98-171					H		W	A				sil. Lst. bx		silicified	bx	silica + pyrite matrix	
SLAM	DBR98-171B						P	W	AG				feldspar porphyry dyke		clay		cuts sil. Lst. bx	0.34
SLAM	DBR98-171C					H							sil. Lst. bx		silicified	bx	silica matrix	
SLAM	DBR98-171D					H							sil. Lst. bx		silicified	bx		
SLAM	DBR98-172					H			AG				sil. Lst.		silicified		laminated, fine sulphides	0.10
SLAM	DBR98-172B					H			A				sil. Lst. bx		silicified	bx	sooty sulphide	
SLAM	DBR98-172C								AG									0.10
SLAM	DBR98-173					H	P						feldspar porphyry dyke (Sloko)		clay		cuts sil. Lst. bx	
SLAM	DBR98-173B										F		sil. Lst. bx		silicified	bx		
SLAM	DBR98-175					H			A				dk. grey sil. Lst. bx		silicified	bx	partially pitted out matrix, arg., and sil. Lst. frags	0.34
W. of Ursa	JSP98-28					H							dk. grey graphitic Lst.	LMGT			fine lamination	
W. of Ursa	JSP98-29					H							white Lst.					
Muddy Lk	JSP98-32					H							mafic volcanics					
Muddy Lk	JSP98-33					H			G				mafic volcanics		malachite			
Muddy Lk	JSP98-35					H		W	G				mafic volcanics					
Muddy Lk	JSP98-36						P						mafic volcanics gouge		clay, chl.			
Muddy Lk	JSP98-37A					H		W	G				hydrated ultramafic?		serpentine, talc		like black soapstone	
Muddy Lk	JSP98-37B					H							ultramafic? gouge		asbestos		asbestos gouge	
Muddy Lk	JSP98-38A					H							gabbro				pegmatitic	
Muddy Lk	JSP98-38B					H		W	G	U/Pb			gabbro					
Troy Ridge	JSP98-40	25180	25435			H		W	G				mafic volcanics		chlorite		px? hbl? phenocrysts	
Troy Ridge	JSP98-41	25375	25505			H							mafic volcanics		chlorite		px? hbl? phenocrysts	
Troy Ridge	JSP98-42	25270	25400			H		W	G				mafic volcanics		chl., ser.		px? hbl? phenocrysts	
Troy Ridge	JSP98-43	24765	25390			H		W	G				gabbro					
West Road	DVL98-37					H							white chert nodule 1st	LMBC?				
West Road	DVL98-39					H							gray limestone with tan to gray chert nodules	LMST (1)?				
West Road	DVL98-40					H							gray dolomite with black chert pods	DOCH?				

71, 72

assay

Geochem

77, 78, 79

15 for all

WR/G

PIMA

~~44~~

38, 39, 41, 42

16, 18, 19

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21, 22, 23

70, 73, 74, 75

28, 34, 36

85, 87, 40

52, 77, 78

79, 90, 91