DIAMOND DRILLING



52N04SW0059 40 DOME TWP

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TOWNSHIP: DOME

REPORT No.: 40

WORK PERFORMED BY: GOLD FIELDS MINING CORP.

CLAIM NO.	HOLE NO.	FOOTAGE	DATE	Note
KRL 526283	1	481.0	 Feb. /81	(1)
	2	500.0	Feb./81	(1)
	3	365.4	Feb./81	$(1)^{(-)}$
KRL 526005	4	380.0	March/81	$(1)^{(-)}$
KRL 526008	5	396.1	March/81	(1)
KRL 526007	6	403.3	March/81	(1)
KRL 526006	7	895,6	March/81	(1)
KRL 526284	8	656.0	March/81	(1)
		4077.4		

Notes: (1) #54-82

ALL REPORTS

۲	GOI	LD FIELDS	5 M	IN	ING	F C C	ORP.					
•	P	ROPERTY Skookum Bay (Peterson Opt.)	<u> </u>	11.		HOLE NO. GFSB 1.						
TWP.	Dome	BEARING 150 degrees (Ast.)	TRUE DI	P at SU	RFACE -45 ⁰	*	DATE STARTED Feb. 10/81					
RANGE	LOT	VERT. DEPTH	At 250' Los	st	At	*	DATE FINISHED Feb. 18/81					
CLAIM	NO. 526283	LENGTH 481' CORE SIZE BQ	At 420';400) (T.C.)	At		DRILLED BYKenora Diamond Drilling					
COORD	NATESL42E, 11 + 00 N.	NO. of SAMPLES 71 LGTH.	At		At		LOGGED BY D.B. Wright					
ELEVAT	ION (NOPULI SHOPE SKOOK)		At		At							
FROM	то	DESCRIPTION	· · · · · · · · · · · · · · · · · · ·	SAMPLE NO.	FROM TO	LGTH. 0Z/T	Ag Ag ppb ppm					
0 <u>.00 -</u> 10.0	CASING (as cited by d	riller)										
10.0 -	GRANODIORITE:		·····		- -							
10.0	Mottled pink-black med	dium grained, massive, 35% dark minerals	s: 2-3% magnet	ite	_							
	throughout; (normal va	throughout; (normal variety), short sections occur with low or highly					· · · · ·					
	sericitized pink felds	sericitized pink feldspar content which imparts a medium gray colour;										
	sectional contacts are	gradational over several inches and al	ltered section	E <u>22002</u>								
	are of variable intens	ity: there is no preférred fracture ori	ientation;		-							
	penerally very little	natural fracturing.		<u> </u>								
				•								
18.0-	GRANODIORITE_(ALTERED)):			_							
23.5	<u>Gray-green, primary te</u>	exture overprinted,										
	<u>15.0: stringer of dark</u>	<u>c green chlorite (1/4") cutting c.a. at</u>	260: several		-		RED LAKE MINING DIV.					
							KECEIVED					
	19.8 Strong fracture of	on leading edge of f.gr. Dasicdike, Doth	of which				JÜN 2 8 1982					
·	of pyrite in some three	adlike quartz stringers	nateu granis	1	-		Р.м. 718191101111211123141516					
-		Laurine quarte stringers.		<u> </u>	-							
23.5 -	GRANODIORITE:						-					
20.0	Generally pinkish, fro	esh appearance.	$\mathcal{O},\mathcal{L},\mathcal{O},$									

GOLD FIELDS MINING CORP. PROPERTY__Skookum Bay (Peterson Opt.) SHEET_2_of_11. HOLE NO. _GFSB 1. TO DESCRIPTION SAMPLE NO. FROM TO LGTH OZ/T 1000

29.6 -	OUARTZ STRINGERS (hairline fracture fillings):	
29.9	in gray-green altered granodiorite; the pearly-gractured gray quartz	E22003
	is unmineralized: avg. 26° to c.a.	
29.9 -	GRANODIORITE:	
41.7	normal with pinkish colour	
41.7 -	GRANODIORITE (normal)	E22004
42.5	<u>Grinding</u> :- probably 60% core recovery over the interval as short blacky	(Ground Cor
	lengths; no fines present in tray but 5 ft. row is incomplete;	E22005
	several fine grains of pyrite in a chloritic granodiorite piece:	E22006
41.7 -	GRANODIORITE:	
50.5	Strongly altered (sericitized and silicified) to gray	E22007
	green colour, similar to sections at 18.0 - 23.5 ', 29.6 - 29.9'	E22008
	but more intense; numerous black, chlorite - quartz filled fractures	E22009
	parallel to the core axis throughout much of zone; trace to minor	E22010
	amounts of py. and po on some; primary texture locally approaching	
	obliteration.	
50.5 -	DOUBLE FAULT OR SHEAR ZONE:	
53.0	29.9 - GRANODIORITE: 41.7 normal with pinkish_colour. 41.7 - GRANODIORITE (normal) 42.5 Grinding:- probably 60% core recovery over the interval as short blacky lengths; no fines present in tray but 5 ft. row is incomplete; several fine grains of pyrite in a chloritic granodiorite piece; 41.7 - GRANODIORITE: 50.5 Strongly altered (sericitized and silicified) to gray green colour, similar to sections at 18.0 - 23.5 ', 29.6 - 29.9' but more intense; numerous black, chlorite - quartz filled fractures parallel to the core axis throughout much of zone; trace to minor. amounts of py. and po on SOME; primary texture locally approaching obliteration. 50.5 - DOUBLE FAULT OR SHEAR ZONE: 53.0 Strongly foliated and altered (chlorite sericite) to pale gray-green colour; preferred foliation/fracture angle of 36 ⁰ to 45 ⁰ to c.a.; general of primary texture; bounding faults (?) cut c.a. at estimated angle of 860 to 900	
	colour; preferred foliation/fracture angle of 36° to 45° to c.a.; general	lpss
	of primary texture; bounding faults (?) cut c.a. at estimated angle of	T
	860 to 900	
	D.S. v1.	

FROM

· .	GOLD FIELDS M PROPERTY Skookum Bay (Peterson Opt.) SHEET			IG			R	P . GFSB 1.	
FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T pp	b	Ag ppm	
	52.5 - 53.0 - strongly silicified, yielding quartz sericite mylonite zone; minor late oxidation and dissolution along fault or fractures (slightly friable in places).								
53.0 - 70.2	GRANODIORITE: (normal) initially altered to reddish brown (to 54.2) with a gradually fresher appearance beyond;								
70.2 - 70.5	BASIC DIKE: Sharp intrusive contacts cutting to c.a. at 77°; true thickness of 3.5 inches; v.f. gr. yellow sulphide (near microscopic) disseminated over 0.5 in. wide zone near the leading contact	E22011						·	
<u>70.5 -</u> 106.0	GRANODIORITE (normal) 100.0 - 102.0 Blocky withminor grinding (90% recovery)	E22012 E22013						·	
<u>106.0 -</u> 108.0	GRANODIORITE (highly altered): sericitized. silicified. possibly a healed fracture zone: rock is dark gray and primary texture obliterated	E22014 E22015 E22016							
<u>108.0 -</u> 112.4	GRANODIORITE (normal)								
112.4 - 114.4	QUARTZ - SERICITE SCHIST (Quartz-feldspar porphyry dike?) pale gray colour overall; fine grained, altered composition; cores well but possesses obvious foliation at 830 to c.a.; $\hat{Q}_{1}, \hat{f}_{2}, \hat{h}_{3}$	E22017 E22018 E22019							

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	GOLD FIELDS M PROPERTY Skookum Bay (Peterson Opt.) SHEET	G CORP. HOLE NO. GFSB 1.								
FROM T	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH AU oz/T ppb	Ag ppm		Ŧ		
	QUARTZ - SERICITE SCHIST (Cont'd).]							
	numerous, tightly folded silica stringers cut c.a. at 73°;	E22020	_							
	leading contact at 71 ⁰ to c.a.; trailing contact has been ground off									
	during drilling and is unmeasurable;	E22021								
	composition:sericitized feldspar predominates; 5% ferromagnesians									
	which have been re-crystallized or flattened to platy grains defining		_							
: 	in part the foliation described above.									
114.4 -	GRANODIORITE - normal - (as above)							•		
121.1										

161.1		
121.1 -	AMPROPHYRE (?) dike	
129.7	·leading contact is tight but irregular against granite at approx.	
	90 ⁰ to the c.a.; trailing contact is regular at 500 to the c.a.; unit is fine grained and is a uniform medium gray colour over it's length;	
	ho preferred orientations such as foliations or lineations observed;	
	excellent coring properties; petrography: "salt and pepper" texture consis	
	ting of randomly oriented acicular (needle-like) crystals of black hornblende	
	(?) up to 3 mm (25%) cutting gray-green feldspar (80%); 1% magnetite;	
	trace pyrite; no free quartz observed.	
129.7 -	GRANODIORITE:	
131.0	Fresh as above though locally 40% ferromagnesians;	
	0. ŝ. Ŵ.	

• • •	GOLD FIELDS M PROPERTY Skookum Bay (Peterson Opt.) SHEET	IN of 11.	IN	IG		C (R] NO.	P. GFSB 1.	
FROM T	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	OZ/T	u ppb	-	Ag ppm	
131.1 -	LAMPROPHYRE (?) DIKE:									
132.7	leading contact irregular and unmeasurable; trailing contact ground off									
	but probably 850 to c.a.; prominent 1 inch thick chill margins									
<u>10</u>	showing pronounced enrichment of ferramagnesians, gradational toward									
	the dike interior; hornblende (?) grains are replaced by secondary		_							
	chlorite (?), not crisp in outline and comprise only 10%; sericitization;		_							
	albite 'knots' (?)	1	_							
•										
132.7 -	GRANODIORITE (normal)									
139.2	somewhat zoned appearance due to markedly different concentration of									
	pink feldspar;	E22022								
	136.1 - 136.4 grinding - possible strong oxidized fracture; mud;									
<u> </u>	strong slip plane at 136.4 at 80° to c.a.									
			_							
139.2 -	LAMPROPHYRE (?) DIKE:									
140.0	Leading contact sharp, irregular (approx. 80 ⁰ to c.a.); trailing contact		_							
	sharp, irregular (approx. 80° to c.a.); petrographically very similar to									
	131.1 - 132.7		_							
			4							•
140.0 -	GRANODIORITE:		4							
141.5	Fresh K. feldspar rich		·	、						
			_							
141.5 -	LAMPROPHYRE DIKE:	L	4							
144.3	Leading contact sharp, at 76° to c.a., trailing contact ground and	ļ	4							
	unmeasurable (est.'d at 76% to c.a.): similar to proceeding intersection	ļ	-							-
	but with some content of f.g. relatively fresh pink feldspar(10%); $g_{s,s,s}$									

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	GOLD FIELDS M	IN	IN	G		C O	R	P .	6D 1	
· ·	PROPERTY Skookum Bay (Peterson Opt.) SHEET	6 of	<u></u>		1	HOI	E NO	GF	SB 1.	╤┤
FROM TO	DESCRIPTION	NO.	FROM	то	LGTH	oz/T pob		n		
	LAMPROPHYRE DIKE (Cont'd).									
	10% chloritic ferromagnesians; and considerable yellow-green plagioclase									
	(?); trace pyrite		-							
144.3 -	GRANODIORITE:		-					-		
152.5	Fresh as above									
152.5 -	LAMPROPHYRE DIKE:									
157.9	Leading contact sharp, slightly undulose at 70" to c.a., trailing									
. <u></u>	contact sharp at 70 ⁰ to c.a.; characterized by rhombic to rounded dark		-							
	green phencrysts up to 2 m.m. diameter (Note; No apparent post-dike		1							
<u></u>	movement on any of these structures: (i.e.: lamprophyre dikes)). (Note: Box containing core inverval 140' - 160' contains only 19 ft.									
	of core when re-assembled).		-							
157.9 -		522022								
184.6	159 7' - 161 0' trace quantities of silvery purite cubes.		-							
	have a second and the second s	1	1				-			
184.6 -	FAULT OR SHEAR ZONE: (2 strong fracture zones)]							
189.5	First break: sharp leading contact cutting c.a. at 87°, of black chlorite							-		
	seam against fresh granite. <u>Second break</u> from 194.0 to 194.2 ft. at 86 ⁰			`						
	to c.a.	E22024								
	Intervening dike rock is strongly gneissose or mylonite with foliations	E22025	4						_	
· · · · · · · · · · · · · · · · ·	oriented at 620 to 730 to c.a.; thin lenses of guartz-carbonate and	E22026	1							
	chlorite;	ļ	4							
	O.S.W.									

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	GOLD FIELDS M PROPERTY Skookum Bay (Peterson Opt.) SHEET	IN 7 of _1	I. HOLE NO. GFSB 1.
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO LGTH AU Ag
184.6-	METAGABBRO DIKE:]
189.5	Black rock with above texture consisting of gray feldspar, quartz,		
	hornblende and black mica; minor magnetite; trace f.gr, Py; medium		_
	grained texture overall; drag folding over leading contact on a small		
	sca]e:		
186.5 -	OUARTZ AND OUARTZ CARBONATE STRINGERS:	E22027	
189.5	Stringers (up to $\frac{1}{4}$ " thick) of cherty gray guartz and beige coloured	E22028	
	carbonate (calcite or ankerite) symmetrically distributed against wall	E22029	
•	rock contacts; stringers of carbonate only predominate with preferred	E22030	
	orientation of 70" to c.a. 189.1 - 189.5 strongest quartz "vein" in the	E22031	
	structures, approximately 3" true thickness cutting _ C.a.at 65°: Quartz	E22032	
	is weakly fractured; small quantities of f. gr. disseminated pyrite	E22033	
	(anhedral) within quartz and adjacent silicified granodiorite to 190.0';	E22034	
	small disseminated anhedral grains of pyrite throughout this section;		
	but in all comprising well below 1%: quartz has the appearance of being	1	
	a silica enriched zone rather than of hydrothermal origin with sharp		
	contacts:		
<u> </u>			
189.5 -	GRANODIORITE:		4
212.9	dark to 210 ft. (low pink feldspar content): normal beyond:		
212.9 -	FAULT (?)		
213.1	Black chloritic seam cutting c.a. at 88°, no mineralization, very smooth		
	slip surfaces ;		
	$\Gamma = \Sigma$		

· .	GOLD FIELDS M PROPERTY Skookum Bay (Peterson Opt.) SHEET_	8_ of _1	LING			K	F . <u>GFSB 1.</u>	<u> </u>	
ROM TO	DESCRIPTION	SAMPLE NO.	FROM TO	LGTH	Au oz/T pt	- -	Ag		
213.1 -	GRANODIORITE:								
278.3	Fresh, normal to 238.5'; deficiency of pink feldspar results in a		-			•			
	darkening beyond that point;	E22035	-						
<u>248.4 –</u> 248.6	PYRITE MINERALIZATION: Several isolated blebs of coarse brassy anhedral pyrite with lesser fine-								
<u></u>	grained disseminated pg. interspersed; (1% total pyrite within the zone)	E22036	-						
278.3 -	GRANODIORITE:								
279.0	highly altered to dark green, f. gr. chlorite - hornblende material close to slip planes at 278.5 ft. which cuts c.a. at 41°								
279.0 -	GRANODIORITE:		1						
288.1	normal pinkish, fresh variety though cut by numerous narrow (less than 2")					-		
	dark gray to black chlorite-hornblende bands generally oriented at								
	between 30° and 75° to c.a.; bands are characterized by slip planes alon		1						
	central axes along which the core separates during drilling								
288.1 -	GRANODIORITE (altered) :	E22037	1						
12.0	strongly altered gray granodiorite identical to intersection at 41.7-50.5	È E33038							
	ft.; though margins are gradational over 2 to 3 inches, primary texture	E22039	·];			-			
	obliterated up to 4" from granodiorite; predominantly gray sericite with	E22040	Ī						
	pronounced silicification and free SIO ₂ at core; trace f. gr. pyrite in	E22041	i					-	_
	thread-like quartz stringers;	E22042							
<u>-</u>		E22043	Ŀ						
	$\int \int \mathcal{E} \omega$.								

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Opt.) SHEET _____ of ____1. HOLE NO. GFSB 1. SAMPLE Au Ag LGTH oz/T ppb FROM то FROM TO DESCRIPTION NO. ppm 319.5 -GRANODIORITE: 380.9 Normal pink to gray overall; weak sericitization in short sections. E22044 380.9 -GRANODIORITE: (altered) E22045 391.0 locally intense gray sericitization and silicification, identical E22046 to intersection at 312_0 - 319_5 shorter fresher sections interspersed through the zone 391.0 -GRANODIORITE (normal); 414.0 cut by numerous short (1-5 in.) sections of intense gray alteration E22047 E22048 generally enveloping narrow, weakly pyritic guartz stringers; later slip planes developed E22049

414.0 -	GRANODIORITE (highly altered):	
427.9	locally intense gray alteration (sericitization) toward end of	E22050
	intersection but major portion possesses remmanent granodioritic	E22051
	texture; black ferromagnesians only appear altered in most intensely	E22052
	altered zones	E22053
427.9 -	GRANODIORITE:	
438.3	Fresh, pink material banded by short sections of gray highly altered	E22054
_	material	E22055
438.3 -	GRANODIORITE:	١
440.7	normal with short sections of intensely altered gray material	E22056
	0.c. w.	

•	PROPERTY						HOLE NO											
FROM TO	DESCRIPTION	SAMPLE NO.	FRO	мто	LGT	H_oz/	Au T ppb		Ag ppm									
440.7 -	GRANODIORITE (Normal)		-															
456.0	Eresh pink, as above	E22057	-															
456.0 -	GRANODIORITE:		-															
457.0	Highly altered gray material; intense sericitization with silicification	E22058	-															
	and abrupt (not sharp) contacts against the adjacent fresh granodiorite; chloritized ferromagnesians; numerous slip planes;	E22059	-															
		1	-															
457.0 -	GRANODIORITE:		_															
459.0	Fresh pink as above	E22060	-															
459.0 -	GRANODIORITE:		•															
460.9	Highly altered gray material; slip plans at 600 to c.a.	E22061	-															
460.9 -	GRANODIORITE:		-															
472.6	Fresh, pink as above;	E22062																
<u> 472.6 -</u>	GRANODIORITE:																	
473.2	Highly altered gray material; minor thread-like quartz stringers	E22063	•															
· · · · · · · · · · · · · · · · · · ·	·	E22064	•						•									
473.2 -	GRANODIORITE:	E22065																
481.0	Fresh, normal rock with occasional gray sericita-silica bands	E22066	•						-									
481.0	END OF HOLE:	E22067	•															
	(10.00' of casing left in hole) D.E.W.	E22068 E22069	-															

· · · · ·	PROPERTY Skookum Bay (Peterson (Opt.) SHEET_	<u>11</u> of <u>1</u>	1	HOL	E NO. <u>GFSB 1.</u>	
OM TO	DESCRIPTION		SAMPLE NO.	FROM TO	LGTH Au	Ag ppm	
81.0 END	OF HOLE: (10.0 ft. of casing left in hole)		-				
			E22070	-			
			E22071			<u>-</u>	
		<u> </u>		-			
				-			
	, <u>.</u>	·····		_			
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		<u> </u>	ROPERTY <u>Skookum Bay</u> (Peterson Opt	ion) SHEET	<u>1_of_10</u>			HOLE N	O. <u>G.F.S.B</u>	?
TWP.	Dome		BEARING 150° (Ast)	TRUE DI	P at SU	RFACE	-45 °	DATE ST	ARTED Fet	o. 19/81
RANG	E	LOT	VERT. DEPTH	At 255'	42°	At		DATE FI	NISHED Fet	o. 24/81
CLAIN	NO.	526283	LENGTH 500' CORE SIZE BQ	At 500'	41.5°	At		DRILLED	BY Kenora	Diamond Drill
COOR	MNAT	ES L46E, 11+30N	NO. of SAMPLES 84 LGTH	At		At		LOGGED	BY D.B	3. Wright
ELEVA	TION			At		At				
FROM	то		DESCRIPTION		SAMPLE NO.	FROM TO	LGTH OZ/T	lu ppb	Ag ppm	
0.00	-	CASING (reported by	driller) Note: barrel was lost	and						
12.0		recovered at	16.0 ft(bit depth) by reaming with N	Q size		_				
		equipment.	Bedrock reported at 0.9 ft. depth.			_				
						_				
12.0 -		GRANODIORITE				_				
131.5		initially medium	m to dark gray in overall colour, med	ium-grained:						
		15-20% dark ferm	ro magnesians (hornblende) as small g	rains less		_				
		than Imm; dark g	gray and beige feldspars 65% up to 3m	m; pink to	L	-				
		buff_feldspar_l(0% as minute disseminated grains (less	s that 1mm),		-				
		magnetite_3%.(mo	ore abundant that in G.F.S.B1) and	trace_silvery_	\\	_				
····		pyrite: Pronour	nced sections of dark gray altered fe	ldswhich		_				
	-+	imparts a banded	d appearance to the rock; single or m	ultiple slip		-				
		planes_(rarely	thread like quartz stringers) are deve	eloped within		-			ED LAK	F1
		these randomly (oriented bands; frequently, the prima	ry texture	E22072	-				
		is totally obli	terated, presumably by accompanying s	ilicification;	E22073	- .	x			U
		zones are irreg	ularly spaced from 3 inches apart to 3	3 feet; from		-		A.M.	JUN 28 1982	؛ _م ا
	<u> </u>	1 in. to 1 foot	in width. Beyond 100 ft bands app	ear to be		-		7181911	0111121112131	415:6
		oriented paralle	el to axis of drill hole; notable inc	rease_in	·	-			4	-
• • • •		concentiation o	f pink feldspar to change overall cold	our of rock	ļ	-				
		Beyond 120 ft.	a general consolidation of the bands a	and patches	ļ	-				
		to culminate in s	solid, grav highly sericitized, grange	diorite prior	Ι.					

PROPERTY Skookum Bay (Peterson Option) SHEET 2 of 10

0____

HOLE NO. G.F.S.B - 2

FROM TO	DESCRIPTION	SAMPLE	FROM	то	L CTU	A	u i		Ag		I	
	DESCRIPTION	NÒ.	FROM	10	LUIR	oz/T	ppb	•	ppm		I	
	to mylonite zone.	E22074										
		E22075										
131.5 -	GRANODIORITE (altered)	E22076										
144.5	Nearly continuous gray sericitic, weakly silicified granodiorite	E22077	_									
	clusters of threadlike quartz stringers located at 134.5 (at 16°	E22078	4									
	to c.a) 137.5 ft (at 25° to c.a.) and 141.7 ft (at 39° to c.a.)	E22079	4									
		F22080	4									
144.5	QUARTZ-SERICITE_SCHIST_(Quartz-feldspar_porphyrydike)	E22081	4									
145.3	fine-grained light gray coloured rock consisting of sericitized	E22082	4									
	pinkish feldspars, some interstitial quartz grains and blackplatey	E22083	4									
	micas: metamorphosed appearance: trace cubes of pyrite: leading	E22084	4									
	content broken but not faulted at 65° to c.a.; trailing content	E22085	4									
	broken, possibly faulted at 74° to c.a., weakly magnetic.	· · · · · · · · · · · · · · · · · · ·	4									
			4						-			ø
145.3 -	GRANODIORITE (?)		4									
147.4	gray-brown overall colour; fine-medium grained texture; suggested		-									
	as granodiorite due to high magnetite content; primary texture		4.							•		
	obliterated by silicification. White mica development and		4.									
	probable secondary albite (phenocrysts to l.o mm); randomly		4								•	
· · · · · · · · · · · · · · · · · · ·	oriented thread-like gray quartz stringers locally: quartz pheno-		4									
	crysts to 2mm. unique to this unit; trailing contact abrupt		4									
ļ	against mylonite at 81° to c.a.		4									
			4									
147.4 -	MYLONITE AND FAULT ZONE (2)		+									
152.7	Highly recrystallized and strongly foliated granodiorite, dark	ļ	+									
L	reddish brown overall colour except near some slip surfaces		1									

		PROPERTY Skookum Bay (Peterson OptionSHEET	<u></u>					HOLE	NO.	(<u>G.F.S.</u>	32	
FROM	то	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	A oz/T	u ppb		Ag ppm			
		where the rock is bleached to an ash gray colour; Main slip plane								ļ			
		appears to be at 150-2 ft, is chlorite-coated with some mud					<u> </u>				ļ	ļ	<u></u>
		adhering; cuts c.a. at approxiamtely 64° though this may be on											ļ
		apparent angle.				L						L	ļ
		149.0 - 150.2 ft Grinding prior to main slip plane to small										ļ!	ļ
		chips; Mylonite beyond this point(south) is somewhat contorted and		ļ		<u> </u>		<u> </u>	ļ		ļ	<u> </u>	
L		not as uniform in colour; bleached slip surfaces are more numerous										 '	
		and show stronger development: thread-like pink carbonate stringers					· ·					L'	ļ
		are regularly developed along the foliation plannes and cut core											
		axis at 64° also, trailing contact is sharp against the mylonite											
		cutting core at 60°.											
152.7	- .	GRANODIORITE											
156.8		Primary texture distinctive though some feldspar is altered:medium	to										
		 coarse-grained: bright reddish to orange feldspar grains to 3mm, qua 	ct.z				ļ				ļ		<u> </u>
		grains (90% combined) with 10% praxene and amphibole suggesting a						· ·					
<u> </u>		granite phase; More basic beyond 154.0 ft; From 155.0 to 156.8.										!	<u> </u>
		several stronglysericitized sections of pale gray colour, with					L						
		minor silicification and rare pyrite grains in quartz stringers		•									
156.8 -		LAMPROPHYRE DIKE:		•									
160.1		Leading contact sharp and unbroken cutting c.a. at 77°; trailing											
		contract sharp, planar and at 86° to c. a.; dike is a uniform dark											
		gray overall colour; poor coring properties, being returned as											
		short blocky lengths of core; same composition as hole 1.											
		U.B.V.											

PROPERTY Skookum Bay (Peterson Option)**SHEET** <u>4</u> of <u>10</u>

HOLE NO. ____G.F.S.B. -2___

	то		SAMPLE	EROM	то	L CTH	A	u		Ag			
		DESCRIPTION	N O.	r KOM	10		oz/T	ppb		ppm			
160.1	-	GRANODIORITE (Altered)											
160.8		Silicified particularly over final 6 inches to a bluish black colou	r										
		devoid of primary texture; most feldspar has been broken down; some											ļ
		secondary white albite knots and remanent dark terro magnesions;							L			ļ	ļ
		glassy quartz phonocrysts:										ļ	
160.8	-	LAMPROPHYRE DIKE:				<u> </u>						<u> </u>	
162.0		Leading contact broken (faulted ?), undulose at app. 43° to c.a.	 				 					 	
L		trailing contact is sharp, planar, tight at 53° to c.a.; dike is	1				ļ						
		identical to that at 156.8 - 160.6 in appearance and character.					ļ					· · · · · · · · · · · · · · · · · · ·	<u> </u>
												ļ	
162.0	-	_GRANODIORITE (normal)					<u> </u>						
162.5	· · · · · · · · · · · · · · · · · · ·	pinkish overall colour, medium grained; no transecting stringers of					 				-		· ·
	<u> </u>	lamprophyre.											
				ŀ									
162.5		LAMPROPHYRE DIKE:					ļ						<u> </u>
166.5		Leading contact is sharp, planar and tight at 84° to c.a.; trailing					 						
	<u> </u>	contact is groung off and unmeasurable; uniform gray colour								. <u>.</u>			
		throughout: considerably high content (50% vs 35%) of beige coloure	t				L		ļ				
		feldspar which tends to lighten the rock colour proportionately.					ļ		 				
			•		``		ļ						
166.5	-	GRANODIORITE: pormal					ļ						ļ
170.0		Pinkish colour generally though an increasing degree of serializati	pn										ļ
		toward the trailing contact tends to import a gray tint bleaching							ļ		-		
L	,	to a yellow-green tint is found near the leading contact.							ļ			i	
L		$0. \hat{\nu}. \hat{\nu}^{*}$											

		PROPERTY Skokkull Bay (Peterson Option) SHEET	of				_	HOLE	NO.	<u> </u>	S.B.	-2	
FROM	то	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	A oz/T	u ppb		Ag ppm			
170.0 -	-	LAMPROPHRYE DIKE:				Ĩ							
171.0		The leading contact is sharp, planar and broken at 84° trailing											
		contact is sharp, planar and broken at 78° to c.a.; petrographicall	у										
		similar to 162.5 - 166.5 ft.											
171.0 -	-	GRANODIORITE (normal)		 						· .			
171.5		No lamprophyre stringers.											
171.5 -	-	LAMPROPHYRE DIKE:				<u> </u>		ļ					
172.9		Leading contact is sharp, planar and broken at 84° to c.a.:								<u> </u>			
		composition is more basic as reflected by a dark green colour.		<u> </u>		ļ							L
ļ		·				ļ	ļ	ļ		ļ			
172.9 -	<u> </u>	GRANODIORITE (normal)	· · · · · · · · · · · · · · · · · · ·										
177.7		Pink colour_overall; several_2inch_thick_sericitized_zones						ļ					
						ļ		 		 			<u> </u>
177.7 -		LAMPROPHYRE DIKE:				ļ		 		ļ	<u> </u>		ļ
179 3		Leading contact is sharp, planar and unbroken at 65° to c.a.; trail	ing	<u> </u>			ļ	 		<u> </u>		┟───┤	<u> </u>
		contact is sharp, planar and unbroken at 73° to c.a.; dark color.						[ļ	ļ		
<u> </u>								ļ			<u> </u>		
179.3 -	•	GRANODIORITE (normal)				ļ		ļ		ļ	ļ		ļ
180.0		Pinkish colour overall.	•	·	`					<u> </u>			
ļ													
180.0 -	•	LAMPROPHYRE DIKE:				ļ		ļ		ļ	ļ		
180.9		Leading contact is sharp, planar and unbroken at 80° to c.a.;						ļ		ļ	ļ		
		trailing contact is sharp; irregular and unbroken at 75° to c.a.		 				ļ		<u> </u>		 	
L		blocky: slightly paler colour than preceeding dike and similar to N								1			L

GOLD FIELDS MINING CORP. Skookum Bay (Peterson Option) SHEET 6 of 10 HOLE NO. G

	PROPERTY Skookum Bay (Peterson Option)SHEET	<u>6</u> of <u>10</u>					HOLE	NO.	G	E.S.B.	2	
FROM TO	DESCRIPTION	SAMPLE	FROM	то	LGTH	A	u		Ag		ļ	ļ
		<u>NO.</u>				02/1	ppp		ppm			Ļ
· · · · · · · · · · · · · · · · · · ·	162.5 - 166.5;						 		┟────			<u> </u>
					<u> </u>				<u> </u>			
180.9 -	GRANODIORITE (Normal)	l							<u> </u>			┟───
185.7	Pinkish overall colour							[_			╂────
185.7											<u> </u>	
188.5	Leading contact is sharp, planar and unbroken at 87° to c a											
	trailingcontact_is_sharp,_planar_and_unbroken_at_90° to c.a											
					ļ				<u> </u>			
188.0-188.6	GRANODIORITE (Normal)				 							┟
100 6												
100.0 -	LAMPROPHIRE DIRE (Stringer)											
100.0	Less than I inch thick at 90 ° to c.a.	· · · · · · · · · · · · · · · · · · ·										<u> </u>
188.6 -	GRANODIORITE (normal)											
190.3	With occasional sencitic bands randomly oriented		 									┣──
100.2												
190.3 -									<u> </u>			
197.5	trailing contact is sharp, planar and unbroken at 75° to c.a.						[··	
	$(approx_)$											
92.5 -	GRANODIORITE (normal)											
94.0	Strongly sericitized and silicified from 193.1 - 193.7: one											
	thread-like barren quartz-stringer, () (v).									·		
		<u> </u>										

•	GOLD FIELDS M PROPERTY Skookum Bay)PetersonOption) SHEET	IN 7 of _10		G) R	R P.	S.B.	-2	
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO	DLGTH	Au oz∕⊤∣p	pb	Ag			
194.0 -	LAMPROPHYRE DIKE: (stringer)		-							
194.1	l inch thick at 85° to c.a., trailing contact broken.	1	-							
194.1 -	GRANODIORITE (normal)		-							
227.0	Pinkish fresh appearance generally to 227.0', though sericitization	E22086								
	occurs over short lengths with varying degrees of intensity.	E22087	-							
		E22088	-							
227.0 -	GRANODIROITE (altered)	E22089	-							
249.0	Gradual depletion of fresh pink feldspar grains due to alteration	E22090	-							
	processes: rock is dark purple to black through to trailing contact	E22091	-							
<u> </u>	with only short zones of less altered rock: silicification is not	E22092	-							
	sufficient to produce more than one or two quartz stringers;	E22093	-							-
232.5 -	QUARTZ BLOB	E22094								
238.7	Large partially rounded fragment of milky white vein quartz entirel	vE22095	4							
	enclosed within altered granodiorite: possibly a swelling in a	E22096	4							
	quartz stringer: no measurable contacts; quartz is translucent	E22097								
	and poorly fractured; fractures filled by later silica; no	E22098	4							
	metallic mineralization	E22099	-							
		E22100	k							
249.0 -	METAGABBRO DIKE:	E22101	•							
253.0	Leading contact is sharp, planar, and unbroken at 75° to c.a.	E22102	4							
	trailing contact is sharp, planar and broken at 78° to c.a.; dark	E22103	-							
	greenish gray colour overall: altered and leached progressively	E22104	1							
	from leading contact to a friable rock at 251.0 ft., from which	E22105	2							
	point a return to a less altered rock is made. Within the entire	E22106	2							
	J.S. W.		-							

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PROPERTY Skookum Bay (Peterson Option) SHEET 8_____ of _____

HOLE NO. G.F.S.B. -2

FROM	то	DESCRIPTION	SAMPLE	FROM	то	LGTH	b	Ag	•••••• <u>•</u> ••••		
				7		1	<u> </u>	<u> </u>		1 1	
		intersection, there is no fresh metagabbro; at 252.5 -253.0 -	E22107	-				-			
·		striceous and forfated aftered fock with gierssic texture, free	E22108	-							
		silica has accumalated as a 1 inch thick lens of blue quartz	E22109	-							
		(devoid of metallic mineralization) and elongated quartz grains	E22110	-							
		(less than 1 mm in length); the foliation cuts c.a. at 64° the dir-	E22111	-							
		ection along which the core parts;		-							
		Petragraphy: Quartz grains in secondary minerals (micas) replacing		-							
		the totally decomposed ferromagnesions and feldspars; tight network		-							
		of brown yellow carbonate stringers; Most highly decomposed									
		material is buff to olive green in colour; magnetite is concentrat	ed								
		in the less altered rock near the contacts; 2 chill margins in the									
		granoliorite each 1 inch thick are comprised of f. gr. pink									
		feldspar quartz magnetite (3%) and f. gr. disseminated pyrite.		-							
253.0 -	•	GRANODIORITE (altered)	E22112								
296.9		Heavily sericitized and silicified from leading contact; nearly	F22113								
		uniform gray colour with faint relict primary mineral grain	F22114	1							
[outlines; thread-like gray quartz stringers commonplace as individ-	F22115								
		uals of highly variable orientation, very little associated sulphid	e: F22116	1						- '	
		rare large feldspars give a porphyritic appearance.	E22117	1							
			E22118								
296.9 -	•	GRANODIORITE (normal)	E22119	1							
346.7		Pinkish colour overall though cut by intermittent bands of	E22120								
		sericite-silica alteration, important zones being sampled most	E22121								
		bands intersect c.a. at 70-90°	E22122	ł						-	
		0.6.	E22123	Ŀ							

PROPERTY Skookum Bay (Peterson Option) SHEET 9 of 10 HOLE NO. __ G.F.S.B -2 SAMPLE Ag Au LGTH oz/T ppb FROM TO FROM TO DESCRIPTION NO. ppm 346.7 -GRANODIORITE (altered): F22124 390.2 Dark gray (sericitized) to gray green (sericitized and silicified) E22125 with transitional boundaries up to 2 feet wide; Most intense E22126 alteration appears as quartz stringers, randomly oriented, the F22127 strongest being located at 347.5 ft. It is 1 inch thick and F22128 cutting c.a. at 73° translucent and unmineralized. Trace pyrite F22120 elsewhere. E22130 F22131 390.2 -GRANODIORITE (normal to altered) F22132 407.5 Approx, 60% of this interval consists of pinkish granodiorite with E22133 short sections up to 2 feet in length of highly sericitized mater-F22134 ial. F22135 F22136 407.5 -GRANODIORITE (altered) F22137 E22138 430.0 As above (346.7 - 390.2) with free quartz carbonate stringers at 414.5' (1 inch thick at 42° to c.a. barren) and 421.5' (up to F22139 F22140 l_inch_thick_blue-gray_f__gr__guartz__minor_pyrite.) F22141 430.0 -GRANODIORITE (normal) F22142 461.0 Pinkish overall colour with frequent narrow bands of highly F22143 sericitized feldspar, quartz stringers not developed. E22144 E22145 461.0 -GRANODIORITE E22146 463.5 Highly altered dark gray granodioritewith abrupt contacts: quartz F22147 F22148 stringers frequent and pyrite as disseminated grains and rare 1, 8, 3 P11.149 stringers along quartz filled fractures

GOLD FIELDS FIELDS MINING CORP. Skookum Bay (Peterson Option) SHEET⁰ of ¹⁰ HOLE NO. G.F.S.B. - 2

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FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T pi	 Ag ppm		
<u>46</u> 3.3 -	LAMPROPHRRE DIKE:	E22150]						
466.6	Pale gray rock with sharp, planar unbroken contacts at 86° to	E22151	: -						
•	core axis; no post-lamprophyre fracturing.	E22152	-						
•		E22153							
466.6 -	GRANODIORITE (normal)	E22154							
485.6	Overall pinkish colour, short sections of alteration.	E22155	-						
485.6 -	GRANODIORITE (moderately altered)						-		
500.0	Very little silicification to end of hole.		-						
500.0'	END OF HOLE (12.0 ft, B.W. casing left in hole)								
			1						
			4						
			1						
			T ·						
·.			+	,					
			I						
	The t		+						
	1.6.5. 5)27-		+						
	/ Junit		t						

<u> </u>	P	ROPERTY Skookum Bay, Peterson Opt	ion SHEET	<u>1_of_12</u>			HOLE NO
TWP.	Dome	BEARING 150° (Ast.)	TRUE DI	P at SU	RFACE -45°		DATE STARTED Feb. 25/81
RANGE	LOT	VERT. DEPTH 365.4	At		At		DATE FINISHED Feb. 28/81
CLAIM I	NO. 526283	LENGTH CORE SIZE BQ	At	· · · · ·	At		DRILLED BY Kenora Diamond Drill
COORDIN	ATES 44E, 10 + 85N	NO. of SAMPLES 105 LGTH.	At		At		LOGGED BY R. Morgan
				ļ	At		
FROM T	0	DESCRIPTION		SAMPLE NO.	FROM TO	LGTH OZ/	Au Ag 'T ppb ppm
0.0 -	CORING (as reported b	v driller):		E22156			
15.0					_		
14.0 -	GRANODIORITE:			F22157	_		
30.7	Weak seriate and quar	tz alteration, gray to brown color, quan	rtz milky	E22158			
	feldspar, can be dist	inguished but separate crystals are dif	ficult to	E22159			•
	identify. Little mag	netite particularly at the start of unit	Thread	E22160			
	like stringers of chor	rite oriented at 45°;gradational contact	at base	E22161			
	Red brown color probal	oly caused by the break down of magnetit	e into				
· · · · · · · · · · · · · · · · · · ·	hematite;						
30.7 -	GRANODIORITE: (Altered	d)		E22162	-		
71.3	Gray, serictized and s	silicified, carbonate appears restricted	to fine	E22163			
	white veinlets. Orig	inal texture destroyed. The leading cor	tact is	E22164			RED LAKE
	gradational.			E22165			RECEIVED
	Ihread like stringers	of quartz and quartz chorite at random	orientations.	E22166			
	Magnetite and very r	are pyrite grains;		E22167			A.M. 0011 2 8 1982
		• • •		E22168			181910111121121314156

· ,	GOLD FIELDS M Skookum Bay. Peterson Option SHEFT 2			JG		C		R	P.	K #3		
FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH		Au		Ag			
· ·		E22169 E22170					· ·	_ _	<u> </u>	•	<u></u>	<u></u>
<u> </u>	49 ' to 52' less altered zone with gradational contacts; pink feldspars	E22171	-+ -+									
·	and some original texture preserved, poor reaction to h. C.P.	E22172 E22173	+ +						. •			
_	53.3 - 57.5 thread like quartz stringers show a preferred core intersection angle of approx. 5 ⁰	E22174 E22175	+									
······································	Black chlorite, white carbonate and gray quartz filled up to ½" thick;	E22176	+	•								
		E22178	+									
71.3 - 78.9	Grinding - 70% core recovery, small chips a preferred fracturing direction is the core at a low angle to the c.a. (~10.20). No evidence of fault planes; bleached appearance of rock suggests possible shear zone.		+ + +		•							
71.3 -	GRANODIORITE (Altered) :		+									
80,8	White, bleached appearance to rock: quartz, feldspars, chorite with some ankerite. Breakdown of mafic to chorite, recrystalization into stringer fractures							×				
80.8 -	GRANODIORITE (Altered):	· · · · · · · · · · · · · · · · · · ·	++ .									
85.9	highly carbonated, recrystallized: pinkish alteration superimposed on gray altered granodiorite, possibly secondary feldspar. Mafics broken down	E22179 E22180		·								
	into chorite, which is confined to thread like network of stringers and dark brown mice flakes (biotite?)		+	1	1	1	Ţ	1	Ţ			1
									+			

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	GOID FIFIDS M	INI		JG.			R	P			
	PROPERTY Skookum Bay, Peterson Option SHEFT	فر ۲۰ المراسک 1 عم ³	ند خد ۲ 2			HOL	ENO	GF-SI	(#3.		
FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au /T ppb		Ag			
85.1 -	LAMPROPHYRE DIKE:	·			نحاجب جيا				<u></u>	A	
89.5	Green gray color, chorite rich, white carbonate veinlets oriented at	E22181	1								
<u></u>	generally 60° - 70° to c.a.; open space fillings minor grinding locally		1								
<u></u>	but no apparent post dike faulting; potentially mylonite appearance		1								
	overall, hematite coating on fracture surfaces, generally perpendicular		1								
	to c.a. good reaction to HC1		1								
			1								
89.5 -	GRANODIORITE (altered):		1								
91.5	carbonatized, white in part recrystallized quartz feldspars, chorite with	E22182	1	•							
	some ankerite ?;moderately strong reaction to HCl throughout;		1								
			1								
91.5 -	LAMPROPHYRE DIKE:	N	1								
92.5	green fine grained chorite rich with thread like carbonate veins,	E22258	1								
	considerable interstitial white carbonate not remobilized as in]								
	preceding dike (85.1 - 89.5) gives strong HCl reaction throughout;										
	leading contact sharp, irregular, approx. 80° to c.a. to contact sharp,		Ι								
	planes tight at 62 ⁰ .		1								
	<u></u>		1								
92.5 -	GRANODIORITE (altered) carbonatized white to pink, recrystallized in		4								
93.8	part;quartz, pink feldspars chorite, good reaction to HC1 (same as		1					•			
	89.5 - 91.5)		·]								
			4							_	
93.8 -	GRINDING :		4								
95.2	80% core recovery, small chips, powdered, clay rich friable clay rich.	ļ	4								
	green material (fault zone?)	ļ									
	0.8.	1						1	ł	1	

х	GOLD FIELDS M	IN		IG	f C	0	R	P.		
FROM TO	DESCRIPTION	of SAMPLE NO.	FROM	то	LGTH	HOL Au /T ppb	E NO.	Ag ppm		
93.8 - 95.2	LAMPROPHYRE DIKE: green, fine grained, chorite rich with carbonate stringers up to 1 mm									
	thick, 60° to 65°; irregular leading contact, sharp undulose tr contact at 80°; identical to 85.1 - 89.5	E2259	- - -							
<u>95.2 -</u> 98.5	GRANODIORITE (altered): Carbonatized, silicified and sericitized; gray to pink, brownish gray over all colour in part recrystallized;quartz, some pink feldspars, chorite									
	and traces of fine disseminated pyrite; rare carbonate and or chorite <u>stringers generaly weak reaction to HCP excent</u> on rare Coz stringers <u>Similar 30.7-71.3 rather than preceeding intersections</u>									
98.5 - 100.7	LAMPROPHYRE DIKE: Green medium grained, chorite rich, sharp irregular contacts L. contact at 72°, good reaction to HCl.	E22260	- 							
100.7 - 104.3	GRANODIORITE (altered): Pink, appears normal except for smallzones which have been	E22183	- - 1					·		
	carbonatized; guartz_pink feldspars, chorite.carbonate and possibly epidote in altered zonesTrace diss. pyrite; joints are very reactive to HCl. relatively little magnetite									
104 <u>3</u> - 105.9	LAMPROPHYRE DIKE: Green, medium grain see L.C. @ 65º T.c @ 72º see (98.5 to 100.7)	E22261							ſ)
105.9 - 106.5	GRANODIORITE (altered) Pink; see (100.7 to 104.3)	E22184								

	GOLD FIELDS M PROPERTY Skookum Bay, Peterson Option SHEET 5	of	2	G		DR IOLE NO	GF-SK	#3	
ROM TO	DESCRIPTION	SAMPLE NO.	FROM			opb	Ag ppm		
<u>106.5 -</u> 106.8	LAMPROPHYRE DIKE: 1 C @ 88 ⁰ to c.a.; sharp, broken; T.C. @ 68 ⁰ , sharp, broken see		- -		·····				
	(98.5 to 100.7)	E22262	_						
<u>106.8</u> 107.3	GRANODIORITE (altered) pink, see (100.7 to 104.3)	E22185	 						
107.3 - 110.5	LAMPROPHYRE DIKE: L.C. @ 90 ⁰ tight sharp;T.C. @ 770, tight, sharp		- - -						
<u>110.5 -</u> 112.1	GRANODIORITE (altered) : pink, see (100.7 to 104.3) traces of pyrite		-						
<u>112.1 -</u> 113.0	LAMPROPHYRE DIKE: L.C. sharp. broken. possibly 680 to c.a., T.C. contact sharp, broken (ground off) possibly 75° to c.a.; has a needle like texture of ferromagnesian mineral	E22263	- - - -						
113.0 - 113.2	GRANODIORITE (altered) Pink, see (100.7 to 104.3) traces of pyrite poor reaction to HC1.		-						
113.2 - 114.6	LAMPROPHYRE DIKE: L.C. 75 ⁰ sharp, broken.T.C. 75 ⁰ , sharp broken, has a needle like texture:		- -						
	like (98.5 to 100.7)		- - -						

	GOLD FIELDS M PROPERTY Skookum Bay, Peterson Option SHEET		ING		GF-SK #3.
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO L	GTH Au oz/T ppb	Ag
114.6 -	GRANODIORITE (altered) :		1		
120.0	light carbonatization, pink, quartz, pink feldspars, white feldspars,	E22186			
	amphibole altered to chorite ?, magnetite; original texture preserved	E22187	-		
	Along fracture or veins sericite and quartz alteration, original texture	E22188	-		
	destroyed, no reaction to HCl, trace diss. pyrite rarely up to 1% pyrite;				
	disposition of alteration generally in small bands at variable angles]		
	to c.a., gives the impression of a stock work at 116.3, 1" mafic inclus -				
	ion; at 117.1, 118.3, 118.6, 119.4 fine carbonate stringers at 54 to c.a.	١] ·		
	119.4 has 1% pyrite and at 119.3 there is a fracture filling lens of				
	carbonate also with about 1% pyrite, these stringers are very				•
	irregular;		-		•
120.0 -	LAMPROPHYRE DIKE:				
121.3	L.C. sharp broken at 83 ⁰ ;T.C., sharp broken at 800;small inclusion	E22264	_		
	of highly altered granodiorite near the end:	·	-		
121.3 -	GRANODIORITE (altered) :		-		
124.7	see (114.6 to 120.0); cut by several short zones of serictic silicified	E22189			
	altered bands;				
124.7 -	LAMPROPHYRE DIKE:	E22265	•		
125.5	leading contact is tight but irregular at 65 to c.a.; T.C. irregular.	E22190	_		
	broken, dike is dark green, fine grained, chorite rich, with 3% coarse	E22266	_		
	pink feldspars, carbonate veins at 125.1, good reaction to HC1:	·	1		-
	D.S.N.				

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay, Peterson Option SHEET of 12 HOLE NO. GF-SK #3.										
FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au bz/T pp	b	Ag ppm		
125.5 -	GRANODIORITE, altered		-							
125./			-							
125.7 -	LAMPROPHYRE DIKE:	F22191	-							
134.6	L.c at 53° to c.a., broken sharp Tr. c. ground up but possibly 50° also,	E22192	-							
	like 124.7 to 125.5);good reaction to HCl, no magnetite;	E22193	-							
		E22194						•		
134.6 -	GRANODIORITE (Normal) like 114.6 to 120.0 but without light	E22195	-							
175.3	carbonatization with 20% scattered sericite and quartz alteration	E22196	-							
	zones, becoming less common toward the end. The rest is fresh and	E22197	-							
	normal, fine carbonate stringers at about 450 c.a.	E22198	-					•		
		E22199								
175.3 -	METAGABBRO -	E22200								
179.9	Dark green to black, strongly gneissose with foliation oriented	E22201								
	58° to 65° c.a. Very thin lenses of quartz feldspars between	E22202						-		
	stringers of chorite and mica and magnetite; carbonate present for	E22204								
	B inches to nearest contact indicated by strong HC1 reaction:L.C. and	E22205								
	r.C. are tight, sharp at 85° - 90° to c.a.	E22267								
		E22206								
176.5 -	RINDING									
177.1	Broken rock chips, no fines but there is about 3" missing to									
179.9 -	RANODIORITE (Normal)									
186.5	agnetite (about 5%) coarser grained (1 to 3 mm long axis); () () ()									

	GOLD FIELDS M PROPERTY Skookum Bay, Peterson Option SHEET		ING		RP.	#2	
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO L	GTH Au oz/T ppb	Ag ppm		
	GRANODIORITE (Normal) No reaction to HCL. altered to a blackish cryptocrystalline rock along joints or fractures; rare green clots (epidote?)	E22268			•		
<u>186.5</u> 188.5	GRANODIORITE (Altered): Black sericite and quartz or possibly chorite biotite enrichment; absence of pink feldspars; Intersection with core axis at low angle (15 ⁰); rare pyrite cubes; original texture. almost destroyed;contacts abrupt and irregular;reaction to HCl; contains magnetite;	E22207 E22269	 				
188.5 - 202.5	GRANDIORITE (Normal): Pink; white quartz, pink feldspars, white feldspars, magnetite and traces of very fine pyrite : good original texture; altered to a gray black sericite quartz; rich rock along fractures and veinlets; rare carbonate veinlets at 25° to 32°, also has some sericite quartz alteration bands at 195' and 199';both are reactive to HC1;otherwise there is no reaction to HC1. Red alteration for 2" at 193.5; grinding	E22208	- - - - -		-		
202.5 - 203.2	at.198.3 GRANODIORITE Sericite and quartz alteration, original texture destroyed except quartz grains and some of the feldspars;magnetite, good reaction to HC1; contacts abrupt;minor carbonate veinlets at 25° and carbonate and chorite also 25°;pyrite clot at 202.5;		- - - -				
	D.C. V.						

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•	PROPERTY Skookum Bay, Peterson Option SHEET	of	2				HOLE	NO.	GF	<u>5K_#3</u>	
FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	A oz/T	u ppb		Ag ppm		
203.3 -	GRANODIORITE (Normal)		-	•							
204.4	See 188.5 - 202.5		-								
204.4 - 206.0	GRANODIORITE:	· · · · · · · · · · · · · · · · · · ·	-								
	at low angler about 15° to 25°; Carbonate veinlets at 40° and 25°		-								
	<pre>Fraces of pyrite; good reaction to HC1 and magnete.</pre>	-	-								
206.0 -	GRANODIORITE: (Normal)	E22209	-								
216.	White quartz, feldspars, magnetite, chorite; no reaction to HCl; a few	E22216	-								
	hands of gray sericite quartz alteration, associated with carbonate	E22210	-								
	veins which intersect the c.c. at a low angle (9 ⁰ to 4 ⁰);		-								
216 -	GRANODIORITE:		-								
228.5	Sericite and quartz alteration; original texture almost destroyed;	E22211	_								
	Quartz abundant magnetite not as abundant as in fresh granodiorite.	E22212	_								
	Reaction to HC1 from carbonate stringers, fine veinlet of carbonate	E22213	-								
	at about 42°, 30°, and 10°, almost no pyrite ;	E22214	-								
228.5 -	GRANODIORITE: (Normal):		- -								
274.8	White quartz, white feldspars, magnetite, rare pink feldspar, chorite,	E22223	<u>.</u>								
	good original texture. Sericite and quartz alteration bands associated	E22215	-								
	with minor carbonate veinlets from 1/8" to 2". At 253.4 a 2" band		-							6	
	of alteration has 1% to 20% fine diss. pyrite. Angle to c.a. of		_								
	veinlet is variable from 250 to 45° most are at about 30°.		-								

•	PROPERTY Skookum Bay, Peterson Option SHEET	100f12			HOLE	NO.	GF-SK	#3	e
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO	LGTH	AU oz/T ppb		Ag ppm		
	GRANODIORITE: (Normal)		1						
	At 274.4 veinlet at 60° intersects one at 130° both are carbonate veinlets	E22217							
	with very small alteration associated with them. Small mafic clots are	E22218							
	present and a 2" inclusion at 237 ' , no reaction to HCl except in	E22219							
	altered bands where the reaction to HCl is good.	E22220							
		E22221							
274.8 -	GRANODIORITE: (Altered)	E22222	_						
279.7	Sericite and quartz alteration; original texture destroyed except for								
	6' at 275.6, contacts are gradational. Has a good reaction to HCl and	E22225							
	contains magnetite. Minor carbonate veinlets at 35° to c.a.;	E22224							
		E22226]						
		E22227	-						
279.7 -	GRANODIORITE: (Normal):	•						•	
291.8	See 228.5 to 274.8								
291.8 -	GRANODIORITE: (altered)								
306.7	Sericite and quartz alteration; original texture destroyed; contacts	E22228	7						
	are gradational, has a good reaction to HCl and does not contain								
	magnetite; carbonate veinlets are common; broken, ground at 303, and	E22230							
	303.5 white guartz vein at 301', carbonate veinlet intersects core at	E22231	•						
	low angle 14° to 37° ; very fine trace diss, pyrite.	E22232	-						
	1	E22233	_						
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•	GOLD FIELDS M PROPERTY Skookum Bay, Peterson Option SHEET		ING		RP. E NOGF-SK	#3
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO LG	Au Au	Ag	
306.7 -	GRANODIORITE:]			
322.0	Sericite and quartz alteration, black and pink appearance, pink					
	feldspars present; reaction to HCl, no magnetite					
322.0 -	QUARTZ VEIN:					
322_5	³ ₂ " thick cutting c.a. at 18°. Translucent gray quartz is poorly		_			
	perceivable wall rock alteration		_			
322.5 -	GRANODIORITE:					
329_5	See 306.7 to 322.0		- ·			
329.5 -	QUARTZ VEIN:					
330.0	<u>%" thick, cutting c.a. at 25°, identical 322.0</u>					•
330.0 -	GRANODIORITE:					
332.0	See 306.7 to 322.0		-			
332_0	GRANODIORITE: (altered)					
347.8	Carbonatized, grren crystaline rock; weak reaction to HCl; no		_			
	magnetite; carbonate veinlet is white, 1/8 inch thick, parallel to c.a.,		•			
	no metallic mineralization.		-			
	334_5 - 336.0 Quartz_carbonate_stringer, ½ - ½ " thick cutting c.a. at	E22234				
<u> </u>	5°; barren appearance; white vein filling is poorly fractured	E22235	-			
		E22236	4			
	0.5.03.		1			

•	GOLD FIELDS M	IN]		IG			R		10	
FROM TO	PROPERTY <u>Skookum Bay, Peterson Option</u> SHEET DESCRIPTION	12 of SAMPLE NO.	12 FROM	то	LGTH 02	HOL Au z/T pgb	E NO.	Ag ppm	- 3	
		E22237	Ţ							
347.8 -	GRANODIORITE: (Normal)	E22238	_							
365.4	Pink; pink feldspars, quartz, white feldspars, magnetite, chorite,	E22239	_							
· · · · · · · · · · · · · · · · · · ·	mostly_in_clots; appears very fresh_and_almost_without_alteration	E22240								
	bands, normally so common;	E22241	4							
	· · · · · · · · · · · · · · · · · · ·	E22242	_						;	
365.4'	End of hole. (15 Ft of casing left in hole)	E22243								
		E22244	-							
		E22245								
		E22246	; 							
		E22247								
		E22248	_							
			_ .							
		E22249	-							
			_					•		
		E22250								
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	D. C. Vinge		_							
	in the thory? We		-							

Turan 22/ Ster

TWP.	DOME		BEARING 350° (ast)		TRUE DI	P at SU	IRFACE -4	, o (DATE STARTED Mar. 2, 198
RANG	38	LOT	VERT. DEPTH		At		At		DATE FINISHEDMar. 5, 198
CLAIA	A NO	526005	LENGTH 380 COI	RE SIZEBQ	At		At		DRILLED BY Kenora Diamond
COOR	DINAT	ES 38+145E, 1+65N	NO. of SAMPLES	LGTH.	At		At		LOGGED BY R. Morgan
ELEVA	TION				At				
FROM	то		DESCRIPTION			SAMPLE NO.	FROM TO	LGTH 02/T	u _ Ag ppb _ ppm
0	13'	CASING	· · · · · · · · · · · · · · · · · · ·			22251			
				<u></u>	······		_		
7.0 -		GRANODIORITE (normal)brown, feldspars quar	tz porphyritic	texture.	22252			
20.0		Some sericitized fel	dspars magnetite and cho	orite; contacts	gradational	22253			
					<u> </u>	22254			
20.0 -		GRANODIORITE (highly	altered) gray-green ab	rupt contacts s	ericite and	22255			·
23.7		quartz alteration, b	locky core. Many small	quartz and cho	<u>rite veinlet</u>	<u>.</u>	_		
·		open spaces. No min	eralization; quartz str	ingers at 25 ⁰ (rare).	rt/45			
23.7 -		GRANODIORITE (normal) porphyritic like (7.0	-20.0);small_b	lack		_		•
38.8		alteration bands abo	out ½" and centered on su	all fractures	and veinlets	;			
		Alteration is serici	te and quartz and about	45 ⁰ to c.a. bu	t variable;		_		
	1	no magnetite in alte	ered bands.				_		RED LAKE
									RECEIVED
38.1 -		GRANODIORITE (normal) gray:(like (7.0 - 20.0)) but feldspars	are whiter	22256			
<u>38.1 -</u> 60.1		GRANODIORITE (normal some fine alteration) gray;[like (7.0 - 20.0 bands; About 1% of row) but feldspars ck_altered;_por	are whiter	22256			JUN 2 8 1982
38.1 - 50.1		GRANODIORITE (normal some fine alteration GRANODIORITE (normal) gray;(like (7.0 - 20.0 bands; About 1% of row) but feldspars ck_altered; por	are whiter	. 22256			JUN 2 8 1982 A.M. 7181911011112111213141516

N. R. C.

PROPERTY Skookum Bay Peterson Option

SHEET _2___ of _4___

HOLE NO. GF-SB-4

ROM	то	DESCRIPTION	SAMPLE FROM	TO	LGTH	Au			Ag				
		DESCRIPTION	NO.	FROM		LUIN	oz/T	ppb	-	ppm			
		carbonate stringers which react to Hcl:otherwise no reaction to Hcl.		Τ									
										,			
63.8 -		GRANODIORITE (normal)gray; prophyritic feldspars,quartz some	22427										
97.6		sericitized feldspars magnetite and chorite. Small black alterations	22428										
		bands about 1" and centeredon smallfractures and veinlets. Alteration											
		is sericite and quartz and Q45 ⁰ to c.a. but variable: possible quartz	22271]									
		eyes; traces of pyrite in sample 22270.	22272										
			22273										
97.6 -		GRANODIORITE (normal) brown porpheritic:trace of pyrite, about 2%	22274										
119.0		alteration bands; see (63.8 - 97.6); chorite, pyrite, carbonate stringers	22275										
		// to C.A. (100.2 - 105.7.).	22276		•								
		· ·											
119.0		GRANODIORITE (normal) gray porpheritic with long axis up to 3/4". 4%	22277										
147.2		alteration bands. Good reaction to magnetite.	22278	-									
				-									
147.2		GRANODIORITE (altered) gray most of original textures destroyed Only	22279	-									
171.8		larger white feldspars prominent. More altered areas reactive to Hol.	22280	-									
		Alteration is sericite and quartz and carbonate; traces of fine pyrite	22281	-									
		contactsare gradational: Angle of veinlets is variable @ about	22282	-			•						
		30° to C.A.	22283										
			22284	-	•								
171.8		GRANODIORITE (normal) gray feldspars, quartz magnetite and chorite	22285										
213.7		some sericite. Feldspars are about 4mm - porpheritic texture is	22429	-						`		-	
-		much less well developed as in (63.8 - 97.6). Only minor alteration	22286										
		bands of about 4".	22287	4									
			22430										

D. G.W.
GOLD FIELDS MINING CORP. Skookum Bay Peterson Option SHEET 3 of 4 HOLE NO. GE-SB-4

FROM	то	DESCRIPTION	SAMPLE NO	FROM	то	LGTH	Au ppb	-	Ag			
			22431									
213.7	-	GRANODIORITE brown; like (171.8 - 213.7). The only change is the	22288									
247.0		feldspars are brown. 7% altered bands same of which have trace of										
		pyrite.										
				•					•	-		
247.0	-	GRANODIORITE altered gray. Some pink feldspars remain. Sericita and	22289									
256.7		quartz carbonate alteration very fine carbonate veinlets. Contacts	22290									
		are gradational. Breaks along planeswhich are mafic rich and	22291									
		highly reactive to Hcl. Trace of pyrite. No magnetite.									·	
			22292	1								
256.7	+	GRANODIORITE brown like (171.8 - 213.7). The only changes is the	22293									
266.2		feldspars are all brown.	22294						•			
			22295	ļ								
266.2		GRANODIORITE (altered) like 242. to 256.7 but with small areas of	22296	ļ								
306.5		fairly unaltered brown granodiorite about 15%. Carbonate veinlets	22297	1 .								
		at 63 ⁰ and 23 ⁰ .	22298	ļ								
	-,		22299	 								
ļ			22300	1			•				·	
	_		22301		•							
			22302 ·		`							
ļ			22303	1								
			22304	3								
				L								
L				4_								
ł		$\int \mathcal{L}_{\mathcal{L}} \mathcal{W}_{\mathcal{L}}$		1								

PROPERTY Skookum Bay Peterson Option SHEET 4 of 4

HOLE NO. GF-SB-4

FROM TO	DESCRIPTION	SAMPLE	FROM	то	LGTH	Au		Ag		
		NO.	<u> </u>			oz/T ppb	<u> </u>	ppm	ł	L
306.5 -	GRANODIORITE Normal brown like (171.8 - 213.7) with brown feldspars	22305	•							
340.0	and about 5% alteration bands. A few mafic clots.	22306								
		22307								
306.5 -	broke up core 4" mud at 311.6.	22308								
314.0		22432								
		22433								
340.0 -	BASIC DIKE - dark green very strong structural texture, fine flow	22434								
340.3	banding. <u>3% pyrite:L.C. broken sharp irregular at 74⁰: T.C. sharp</u>	22435								
	irregular tight at 72 ⁰ .									
340.3 -	GRANODIORITE normal like (306.5 - 340.0)									
361.8										
361.8 -	BASIC DIKE, dark green same as (340 340.3), less pyrite about	22309								
362.1	2% granodiorite has 1% pyrite on either side of dike; L. C. tight	22310								
	sharp irregular 070 ⁰ ;T.C. sharp irregular and broken 0 54 ⁰ .	22311								
		22436	-							
362.1 -	GRANODIORITE (normal) see 306.5 - 340.0.	22437	-							
380.		22438	-							
		22439	1							
380.	END OF HOLE. (13.0 ft of casing left in hole).	22440	•	,`						
		22312								
		22313	-							
		22314								
	O.S. Wight									
	for Silleran									

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		OPERTY Skookum Bay (Peterson Optic	D IVI						HOLE	NO.	GF-S	B #5		
TWP.	DOME	BEARING350°(Ast)	TRUE D	olP at SU	RFACE	45 ⁰			DATE	STAR	RTED	rch 7	1001	
RANGE	LOT	VERT. DEPTH	At		At		1		DATE	FINIS	SHED	larch 9	199	 21
CLAIM	NO. 526008	LENGTH 396.1 CORE SIZE BQ	At		At				DRIL	LED B	YKenor	a Diamo	ond	<u>U</u>
COORDI	NATES 44+110°E, 0+65°S	NO. of SAMPLES 65 LGTH.	At		At				LOG	GED B	y Dr	illing.	· · · · ·	
ELEVATI	ION		At		At							Wright	,	
FROM	то	DESCRIPTION		SAMPLE NO.	FROM	ΤŅ	LGTH	A oz/T	u ppb		Ag ppm			
0.0 - 10).0 CASING] —					- <u></u>		<u> </u>		
					-									
8.0 -	GRANODIORITE (Normal)	.		1	_									
160.3	Dark gray-green overa	ll colour with pronounced pinkish tint			_									
	imparted by 30% pink	feldspars which are up to 0.10 in dia.	and		-									
	uniformly distributed	through the rock. Medium grain sized	texture.		3									
	hornblende and possibi	ly augite are of similar dimensions. M	linor		-									
	magnetite and quartz;	Penocrysts of white feldspar, compris	ing 1%		-									
	of the rock (with maxi	imum dimensions of 0.1 ") provide a ps	eudo 🗢 📃		-									
	porphyrytic appearance	e; carbonate is absent in fresh granod	liorite		-									
	Occasional short secti	ions, seldom exceeding 1.0 ft. in core		· ·	-									
	length, of black silic	cous material, principally f.g. quartz	and		-		•							
	feldspar intergrowths	with some chlorite imparting the dark			-									
·····	colour: chlorite-quart	z fractures of thread size thickness	transect		-					DED				ï
	the altered sections:	trace quantities of f. gr. pyrite wit	hin							MININ		-		
	these zones: Generally	the contacts are abrupt against fres	h	· .	-				R	ECE	IVE	D		
	granodiorite though no	nt_sharp; most_heavily_silicified_sect	ions		-					JUN 2	28 198 6	2		
	are described in the 1 34.6 - 37.8 Numerous s	og. whort sections of f. gr. siliceous alt	eration	· · · · ·	-				л.м. 71819	01101111	2111213	Р.м. 4 5 f		
	comprising 60% of the	interval; trace to nil amounts of pyr	ite;		1					4				
	poorly fractured.		0.0.2.	E22315	-									

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option) SHEET 2 of 4

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HOLE NO. G.F.S.B. #5

FROM	то	O DESCRIPTION SAM	SAMPLE	FROM	то	I GTH		Au		Ag		
			N O.				oz/T	ppb		ppm		
		GRANODIORITE (con'td)		1								
		79.0 - 80.3 siliceous alteration; total obliteration and replacement	E22316									
		of the primary texture by black f. gr. quartz; no fractures; very	E22317	_								
		minor (less than $\frac{1}{2}$ of 1%) py and cpy as large blebs	E22318	-								
		81.3 - 81.8 same as 79 80.3		-								
		86.0 - 88.0 same as 79.0 - 80.3		_								
		88.5 - 92.0 same as 79.0 - 80.3	E22319	_						-		
		85.0 - 90.0 Grinding loss of 8.0 inches of core; obvious signs of	E22320	_								
		overdrilling, no chips;		_								
		92.0 - 97.0 Sericific - silica alteration; dark gray to black colour	E22321						÷			
		overall, barren with respect to metallic mineralization;	E22322	-								
		119.0 - 119.5; same as 79.0 - 80.3; trace amounts of py and cpy as	E22323	-								
		fine blebs along micro fractures; poorly fractured appearance generally	E22324	_								
		125.0 - 126.1 same as 79.0 - 80.3	E22325	-								
		132.7 - 136.3 same as 79.0 - 80.3	E22326	_								
		139.0 - 150.0 same as 79.0 - 80.3	E22327	-								
				_								
160.3		BASIC DIKE:	E22328	-								
160.5		Microcrystalline black dike rock with sharp, planar, unbroken	F22329	_								
		contacts cutting the c.a. at 57°: 1% pyrite as minute cubes within	E22330									
		the interior; near the trailing contact, a strong fracture divides the	E22331 ·	-								
		dike into two pieces of core; fracture is chlorite coated and	E22332	_								
	_	parallel to contacts;	E22333	_								
	·		E22334	-							Ó	
L			E22335	·							•	
		$\rho_{\rm sc}, \omega_{\rm c}$,									

	GOLD FIELDS M	IN	IN	IG			R	P .		
	PROPERTY Skookum Bay (Peterson Uption) SHEET	<u>3</u> of <u>4</u>				H(DLE N	O. <u>GP SB</u>	#5	
ROM TO	DESCRIPTION	SAMPLE NO	FROM	то	LGTH	Au oz/T pi	ob de	Ag ppm		
160.5 -	GRANODIORITE:	E22336	1							
396.1	More basic composition; medium_grained; devoid of pink feldspar;	E22337	_						-	
	170.8 - 173.2 siliceous alteration of type found at 79.0 - 80.3	E22338	_							
	175.7 - 178.3 - same as 79.0 - 80.3	E22339	-							
	179.9 - 180.7 same as 79.0 - 80.3	E22340	_							
	188.3 - 189.0 same as 79.0 - 80.3	E22341	-							
	193.9 - 196.5 same as 79.0 - 80.3	E22342	-							
	207.5 - 210.3 same as 79.0 - 80.3	E22343	_							
	212.5 - 213.0 same as 79.0 - 80.3	E22344	-							
	214.5 - 219.0 same as 79.0 - 80.3	E22345	_							
		E22346	-							
		E22347	-							
		E22348	_							
		E22349	-							
		E22350	_							
		E22352	-							
		E22353	-							
		E22354	_							
			-							
	266.5 - 276.0 silicitication and sericitization alteration; weak	E22355	-		,					
	alteration; primary texture is still distinguishable; no tree silica	E22356	-							
	as quartz; no metallic mineralization;	E22357	-							
	270.0 - 396.1 Granodiorite contains more abundant pink feldspar	E22358	-						:	
	which tends to influence the colour of the rock; short intervening	.l	-							
	segments of weak silicification - sericitization alteration;	E22359								
	$C \leq 1$	1								

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GOLD FIELDS MINING CORP. Skookum Bay (Peterson Option) GESB #5

		PROPERTY	of	·	HOLE	NO	
FROM	то	DESCRIPTION	SAMPLE NO.	FROM TO	LGTH Au oz/T ppb	Ag	
		GRANODIORITE:		-			
		316.5 - 331.8 silicification - sericitization alteration; patchy	F22360	-			
		gray alteration comprising 85% of interval; primary texture	E22361	-			
		obliterated; poorly fractured, poorly mineralized; minor white	E22362	-			
		carbonate_filled_fractures_randomly_oriented;	E22363	-			
			<u>E22364</u>	-			
			E22365	-			
		334.5 - 346.0 silicified Granodiorite: short sections of intense		-			
		silicification consisting of black fine grained quartz and	E22366	-			
		interstitial chlorite; chlorite also coats fracture	E22367	-			
		· ·	E22368	_			
		353.0 - 356.5 : same as 334.5 - 346.0	E22369				
			E22370	-			
			E22371	_			
			E22372	_			
			E22373	_			
			E22374	_			
			E22375	_			
		370.0 - 381.5: same as 334.5 - 346.0	E22376				
		370.0 - 372.5: carbonate fracture filling within the silicified	E22377	•			
<u> </u>		granodiorite, strong HCl reaction	E22378	_			
			E22379	- -			
396.1		END OF HOLE (10.0 of casing left in hole).		-			
		D. S. Wryh					
•		1 Tune 23/8%.					

	GOI	ROPERTY Skookum Bay (Peterson Optic	S M Sheet _	IN 6		G C	ORP. HOLE NO. GF-SB #6
TWP.	DOME	BEARING 180° (Ast)	TRUE D	IP at SU	RFACE	-45 ⁰	DATE STARTED March 13/81
RANGE	LOT	VERT. DEPTH	At		At		DATE FINISHED March 17/81
CLAIM NO	D. 526007	LENGTH 403.3 CORE SIZE BQ	At		At		DRILLED BY Kenora Diamond Drill.
COORDINA	TES 12+75°E. 0+80°S	NO. of SAMPLES 47 LGTH.	At		At		LOGGED BY D.B. Wright
ELEVATION	1		At		At		
FROM TO		DESCRIPTION		SAMPLE NO.	FROM TO	LGTH. oz/	Au Ag T ppb ppm
0 - 17.0'	CASING				_		
17.0 - 18.0	GRANODIORITE: (Altered	ed):	· · · · · · · · · · · · · · · · · · ·				
	Intensely silicified.	, carbonate rich material; black, prima	ry texture	E22380			
	obliterated; poorly t	fractured; rare pyrite grains;		E22381			
			· · · · · · · · · · · · · · · · · · ·	E22382	4		· · ·
18.0 -	GRANODIORITE: (Norma)	<u>1):</u>	· ··· · · · · · · · · · · · · · · · ·				
19.7	<u>Pinkish overall colou</u>	ur.fresh pink feldspar predominates ove	er gray:		4	·	
	10% ferromagnesians a	and minor magnetite:			+		
19.7 -	GRANODIORITE (altered	d):		· · · · · · · · · · · · · · · · · · ·	-+ 		
29.0	Moderate to strongly	silicified granodiorite: relict primar	y feldspars		4		
	distinguishable as g	ray crystals in dark green quartz chlor	rite ground-		4		
	<pre>mass; moderately stro</pre>	ong reaction to HCl	· · · · · · · · · · · · · · · · · · ·		+		REDLAKE MINING DIV.
29.0	GRANODIORITE (Normal):					RECEIVED
63.5	Pinkish overall colo	ur; same as 18.0 - 19.7 ft.	·····		+		JUN 2 8 1982
63.5	GRANODIORITE (altered	d);		_	T ·		V18(9)10(11)12: 1 · 2
65.2	Moderate-to-strongly	-silicified granodiorite as per 19.7 -	29.0 N. G. W.	E22383	- 6		-

- -

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option)

Day	SHEET	 of	6

HOLE NO. GF-SB #6.

NO. NO. <th>POM</th> <th>то</th> <th>DESCRIPTION</th> <th>SAMPLE</th> <th>EDOM</th> <th>то</th> <th>L CTH</th> <th></th> <th>u</th> <th>Ag</th> <th></th> <th></th>	POM	то	DESCRIPTION	SAMPLE	EDOM	то	L CTH		u	Ag		
65.2 - GRANODIORITE (Normal): 68.5 - As per 63.5 - 65.2 68.5 - GRANODIORITE (Altered): 68.5 - GRANODIORITE (Altered): 80.2 weak to moderately silicified black rock comprising 80% of the interval; E22385 mo preferred orientation to altered zones; E22387 80.2 - GRANODIORITE: (Normal): 92.2 - GRANODIORITE (altered): 86.0 - 86.5 sheared and bleached; no carbonate E22388 92.2 - GRANODIORITE (altered): 97.5 - GRANODIORITE (altered): 97.5 - GRANODIORITE (sheared and weakly myloritized): 97.5 - GRANODIORITE (sheared and meakly myloritized): 97.5 -			DESCRIPTION	NO.		10	LGIN	oz/T	ppb	ppm	 L	
68.5 As per 63.5 - 65.2 E22384 68.5 GRANODIORITE (Altered): E22384 80.2 weak to moderately silicified black rock comprising 80% of the interval; E22385 80.2 weak to moderately silicified black rock comprising 80% of the interval; E22385 80.2 GRANODIORITE: (Normal): 92.2 GRANODIORITE: (Normal): 92.2 Pinkish brown colour, as per 29.0 - 63.5 86.0 - 86.5 sheared and bleached; no carbonate E22386 92.2 GRANODIORITE (altered): 92.2 GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite comprising 75% 0f interval, with pinkish normal granodiorite the remainder;locally E22392 97.5 GRANODIORITE (sheared and weakly myloritized): E22382 97.5 GRANODIORITE (sheared and weakly myloritized): E22392 97.5 GRANODIORITE (sheared and weakly myloritized	65.2 ·	-	GRANODIORITE (Normal):									
68.5 - GRANDDIORITE (Altered): 80.2 weak to moderately silicified black rock comprising 80% of the interval: E22385 80.2 weak to moderately silicified black rock comprising 80% of the interval: E22385 80.2 Weak to moderately silicified black rock comprising 80% of the interval: E22385 80.2 GRANDDIORITE: (Normal): E22387 92.2 Pinkish brown colour, as per 29.0 - 63.5 E22388 86.0 - 86.5 sheared and bleached; no carbonate E22388 97.5 Weakly silicified and sericitized granodiorite comprising 75% F22389 92.2 - GRANDDIORITE (altered): E22389 92.5 - GRANDDIORITE (sheared and weakly myloritized) E22391 92.5 - GRANDDIORITE (sheared and weakly myloritized): E22392 92.5 - GRANDDIORITE (sheared and weakly myloritized): E22392 92.5 - GRANDDIORITE (sheared and weakly myloritized): E22392 92.6 - Gravit fulde cuts core axis at 80°-80° to c.a. and F22393 E22394 1.2 m on long axis; also interstitial silica comprising networks of F22394 E22394 1.2 m on long axis; also interstitial silica comprising networks of F22394 F22394 <	68.5		As per 63.5 - 65.2	E22384	_							
68.5 - GRANODIORITE (Altered): 80.2 weak to moderately silicified black rock comprising 80% of the interval; E22385 no preferred orientation to altered zones; E22386 92.2 GRANODIORITE: (Normal): 92.2 Pinkish brown colour, as per 29.0 - 63.5 86.0 - 86.5 sheared and bleached; no carbonate E22388 97.5 Meakly silicified and sericitized granodiorite comprising 75% of interval, with pinkish normal granodiorite the remainder; locally E22391 97.5 Meakly silicified and weakly myloritized): E22392 97.5 GRANDOIORITE (sheared and weakly myloritized): E22391 92.0 Predominant foliation attitude, cuts core axis at 80°-83° to c.a. and f22333 F22393 102.0 Predominant foliation attitude, cuts core axis at 80°-83° to c.a. and f22393 F22394 1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested hy discing & grinding of core over a length of 4"; also at 80.85° to c.a.; 93.0 quartz stringer (wi thick) cutting c.a. at 55°, wuggy, gray 98.9 - 99.2 fault zone suggested hy discing & grinding of core over a length of 4"; also at 80.85° to c.a.; 93.0 quartz stringer (wi thick) cutting c.a. at 55°, wuggy, gray 93.0 quartz stringer (wi thick) cut												
80.2 weak to moderately silicified black rock comprising 80% of the interval; E22385 no preferred orientation to altered zones; E22386 80.2 GRANODIORITE: (Normal): E22387 92.2 Pinkish brown colour, as per 29.0 - 63.5 E22388 92.2 Pinkish brown colour, as per 29.0 - 63.5 E22388 92.2 Pinkish brown colour, as per 29.0 - 63.5 E22388 92.2 GRANODIORITE (altered): E22389 92.2.4 GRANODIORITE (altered): E22389 97.5 Weakly silicified and sericitized granodiorite comprising 75% E22390 97.5 Weakly silicified and sericitized granodiorite the remainder; locally E22391 97.5 GRANODIORITE (sheared and weakly myloritized): F22392 97.5. GRANODIORITE (sheared and weakly myloritized): F22392 97.5. GRANODIORITE (sheared and weakly myloritized): F22392 92.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and f22393 f22394 1-2 mm on long axis; also interstitial silica comprising networks of f22394 1-2 mm on long axis; also interstitial silica comprising networks of f23.0 quartz stringers in the same orientation; very low or no g	68.5 ·	-	GRANODIORITE (Altered):		•							
no preferred orientation to altered zones; E22386 80.2 - GRANODIORITE: (Normal): 92.2 Pinkish brown colour, as per 29.0 - 63.5 80.6 0 - 86.5 sheared and bleached; no carbonate E22388 92.2 GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite comprising 75% 97.5 Weakly silicified and sericitized granodiorite the remainder; locally 92.2 GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite the remainder; locally 92.5 GRANODIORITE (sheared and weakly myloritized): 97.5 GRANODIORITE (sheared and weakly myloritized): 92.0 Predominant foliation attitude cuts core axis at 80°-83° to c. a and 102.0 Predominant foliation attitude, cuts core axis at 80°-83° to c. a and 98.9 - 90.2 fault zone suggested hy discing & grinding of core over a 98.9 - 90.2 fault zone suggested hy discing & grinding of core over a 98.9 - 90	80.2		weak to moderately silicified black rock comprising 80% of the interval;	E22385	_							
B0.2 - GRANODIORITE: (Normal): 92.2 Pinkish brown colour, as per 29.0 - 63.5 86.0 - 86.5 sheared and bleached; no carbonate E22388 92.2 - GRANODIORITE (altered): 97.5 Weakly silicified and sericitized oranodiorite comprising 75% 0 f interval. with pinkish normal granodiorite the remainder; locally E22390 up to 1% pyrite as diss. small grains less than 1 mm: no fracturing; E22391 97.5 GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a and F22393 consists of elongated heige feldspars and gray quartz grains of 12.0 Predominant foliation interstitial silica comprising networks of E22394 1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested hy discing & grinding of core over a Iength of 4"; also at 80-85° to c.a.; 93.0 quartz stringers (k" thick) cutting c.a. at 55°; vuggy, gray f.& N. 12.0 translucent quartz with no motallic minoralization or fractwring. D.& N.			no preferred orientation to altered zones;	E22386	_							
80.2 - GRANODIORITE: (Normal): 92.2 Pinkish brown colour, as per 29.0 - 63.5 86.0 - 86.5 sheared and bleached; no carbonate E22388 92.2 - GRANODIORITE (altered): 92.2 - GRANODIORITE (altered): 92.5 Weakly silicified and sericitized granodiorite comprising 75% 0 of interval. with pinkish normal granodiorite the remainder; locally 92.5 GRANODIORITE (sheared and weakly myloritized): 97.5 GRANODIORITE (sheared and weakly myloritized): 97.5 GRANODIORITE (sheared and weakly myloritized): 97.5 F22392 97.5 GRANODIORITE (sheared and weakly myloritized): 97.5 F22392 97.5 GRANODIORITE (sheared and weakly myloritized): 97.5 F22392 97.5 GRANODIORITE (sheared and weakly myloritized): F22392 F22393 consists of elongated heige feldspars and gray quartz grains of E22394 1-2 mm on long axis; also interstitial silica comprising networks of E22394 1-2 mm on long axis; also interstitial silica comprising for core over a E22394 98.9 9.9.2 fault zone suggested by discing & grinding of core over a E2304 <				E22387	-							
92.2 Pinkish brown colour, as per 29.0 - 63.5 86.0 - 86.5 sheared and bleached; no carbonate E22388 92.2 - GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite tomprising 75% of interval, with pinkish normal granodiorite the remainder;locally E22390 97.5 GRANODIORITE (sheared and weakly myloritized): 97.5 - GRANODIORITE (sheared and weakly myloritized): 92.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and 92.0 Predominant foliation attitude cuts core axis at 90°-83° to c.a. and 92.0 Predominant foliation interstitial silica comprising networks of 92.0 gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested by discing & grinding of core over a 93.0 quartz stringer (4° thick) outting c.a. at 55° i vuggy, gray 93.0 quartz with no motallic mineralization or freaturing; 93.0 thich om tallic mineralizat	80.2	-	GRANODIORITE: (Normal):		_	`						
86.0 - 86.5 sheared and bleached; no carbonate E22388 92.2 - GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite comprising 75% of interval. with pinkish normal granodiorite the remainder; locally E22390 up to 1% pyrite as diss. small grains less than 1 mm: no fracturing; E22391 97.5 GRANODIORITE (sheared and weakly myloritized): F22392 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude, cuts core axis at 80°-83° to c.a. and f22393 F22394 1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested by discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (%" thick) cutting c.a. at 55°; vuggy, gray 93.0 quartz with no matallic mineralization or fracturing; Ú.& Y.	92.2		Pinkish brown colour, as per 29.0 - 63.5		_							
E22389 92.2 - GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite comprising 75% of interval, with pinkish normal granodiorite the remainder; locally E22390 up to 1% pyrite as diss. small grains less than 1 mm: no fracturing; E22391 97.5 GRANODIORITE (sheared and weakly myloritized): F22392 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and F22393 F22393 consists of elongated beige feldspars and gray quartz grains of E22394 1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no gray quartz stringers in the same orientation; very low or no - gray quartz stringer (4" thick) cutting c.a. at 55°; vuggy, gray - 93.0 quartz stringer (4" thick) cutting c.a. at 55°; vuggy, gray - 93.0 quartz with no metallic mineralization or fracturing; Ú.& t.			86.0 - 86.5 sheared and bleached; no carbonate	E22388	_							
92.2 - GRANODIORITE (altered): 97.5 Weakly silicified and sericitized granodiorite comprising 75% of interval. with pinkish normal granodiorite the remainder;locally E22390 up to 1% pyrite as diss. small grains less than 1 mm: no fracturing; E22391 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 97.5 - GRANODIORITE (sheared and weakly myloritized): F22393 consists of elongated beige feldspars and gray quartz grains of E22394 1-2 mm on long axis; also interstitial silica comprising networks of				E22389	_							
97.5 Weakly silicified and sericitized granodiorite comprising 75% of interval. with pinkish normal granodiorite the remainder; locally E22390 up to 1% pyrite as diss. small grains less than 1 mm; no fracturing; E22391 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and F22393 F22394 1-2 mm on long axis; also interstitial silica comprising networks of gray guartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested hy discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (k" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no motallic minoralization or fracturing; D.& ************************************	92.2	-	GRANODIORITE (altered):		_							
of interval, with pinkish normal granodiorite the remainder; locally E22390 up to 1% pyrite as diss, small grains less than 1 mm; no fracturing; E22391 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and f22393 F22394 1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested by discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (k" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no motallic mineralization or fracturing; U.S.V.	97.5		Weakly silicified and sericitized granodiorite comprising 75%		-							
up to 1% pyrite as diss. small grains less than 1 mm; no fracturing; E22391 97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and F22393 consists of elongated beige feldspars and gray quartz grains of E22394 1-2 mm on long axis; also interstitial silica comprising networks of			of interval. with pinkish normal granodiorite the remainder; locally	E22390	-							
97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and F22393 F22393 consists of elongated beige feldspars and gray quartz grains of E22394 1-2 mm on long axis; also interstitial silica comprising networks of			up to 1% pyrite as diss. small grains less than 1 mm; no fracturing;	E22391	_							
97.5 - GRANODIORITE (sheared and weakly myloritized): F22392 102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and F22393 F22393 consists of elongated beige feldspars and gray quartz grains of F22394 l-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no gray quartz stringers in the same orientation; very low or no					_							
102.0 Predominant foliation attitude cuts core axis at 80°-83° to c.a. and consists of elongated beige feldspars and gray quartz grains of consists of elongated beige feldspars and gray quartz grains of core over a gray quartz stringers in the same orientation; very low or no carbonate; E22394 98.9 - 99.2 fault zone suggested by discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (¼" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no metallic mineralization or fracturing; D.& N.	97.5	-	GRANODIORITE (sheared and weakly myloritized):	F22392	-							
consists of elongated beige feldspars and gray quartz grains of E22394 l-2 mm on long axis; also interstitial silica comprising networks of	102.0		Predominant foliation attitude cuts core axis at 80 ⁰ -83 ⁰ to c.a. and	F22393	-							
1-2 mm on long axis; also interstitial silica comprising networks of gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested by discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (¼" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no metallic mineralization or fracturing;			consists of elongated beige feldspars and gray quartz grains of	E22394	-							
gray quartz stringers in the same orientation; very low or no carbonate; 98.9 - 99.2 fault zone suggested by discing & grinding of core over a length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (%" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no metallic mineralization or fracturing;			1-2 mm on long axis; also interstitial silica comprising networks of	· .								
carbonate; <u>98.9 - 99.2 fault zone suggested by discing & grinding of core over a</u> <u>length of 4"; also at 80-85⁰ to c.a.;</u> <u>93.0 quartz stringer (%" thick) cutting c.a. at 55⁰; vuggy, gray</u> <u>translucent quartz with no metallic mineralization or fracturing;</u> $\hat{D}_{\cdot} \otimes \mathbb{V}_{\cdot}$			gray quartz stringers in the same orientation; very low or no		•							
98.9 - 99.2 <u>fault zone suggested by discing & grinding of core over a</u> length of 4"; also at 80-85 ⁰ to c.a.; 93.0 quartz stringer (<u>k</u> " thick) cutting c.a. at 55 ⁰ ; vuggy, gray translucent quartz with no metallic mineralization or fracturing; $D_{i} \in \mathbb{N}^{n}$	<u></u>		carbonate;		-							
length of 4"; also at 80-85° to c.a.; 93.0 quartz stringer (½" thick) cutting c.a. at 55°; vuggy, gray translucent quartz with no metallic mineralization or fracturing;			98.9 - 99.2 fault zone suggested by discing & grinding of core over a		-							
93.0 quartz stringer (%" thick) cutting c.a. at 55 ⁰ ; vuggy, gray translucent quartz with no metallic mineralization or fracturing;			length of 4"; also at 80-85 ⁰ to c.a.;		-							
translucent quartz with no metallic mineralization or fracturing; U.S.M.			_93.0 quartz stringer (%" thick) cutting c.a. at 55 ⁰ ; vuggy, gray		-							
			translucent quartz with no metallic mineralization or fracturing; $\mathcal{V}, \mathcal{S}^{v}$	•							د	

PROPERTY ______ Skookum Bay (Peterson Option) SHEET _____ of ____6

HOLE NO. ____GE_SB_#6_

FROM TO	DESCRIPTION	SAMPLE	FROM TO	LGTH		Ag		
102.0 -	GRANODIORITE: (Normal):		1 (- I	 1
116.8	Orangy-pink colour overall attributable to high (70%) content of							
	feldspar of that colour:		.					
116.8 -	GRANODIORITE: (altered):							
121.5	Weak, moderate and strongly silicified through portions (80%) of this	E22395						
	interval; strongest zone (120.9 - 121.5) is completely re-	E22396						
	crystallized to mixture of black f.gr. quartz and micas with less							
	than 1% sulphides as pyrite in minute scattered cubes; sharp boundries	E22397					-	
	at 90° to c.a.; other zones contain translucent barren gray quartz	E22398						
	in ¼" thick stringers at 40 ⁰ to c.a.	E22399						
					÷.,		· •	
121.5 -	GRANODIORITE (Fresh):							
140.8	Pinkish colour overal as at 102.0 - 116.8; several inclusions of black	E22400						
	keewatin volcanics up to 2" in dia.:	E22401						
		E22402						
140.8 -	GRANODIORITE (Altered):		4					
159.5	Dark gray to black: relict primary texture distinguishable: very							
	little stringering, no metallics mineralization;	E22403	+				•	
159.5 -	GRANODIORITE: (Normal):		+					
200.0	Pinkish with short weakly altered sections, light gray in colour	E22404	+					
			‡					
	J. c. v.		$\frac{1}{2}$					

		PROPERTYSHEET	۲ <u>4</u> of	5	HOLE NO	
FROM	то	DESCRIPTION	SAMPLE NO.	FROM TO LGTH	Au pz/T ppb	Ag
200.0 -	-	GRANODIORITE (Normal):		_		
224.3		Fresh, beige to flesh colour overall; as alteration zones;	E22405	_		
224.3 -	-	BASIC DIKE:				
224.9		Black, homogeneous, chlorite rock with sharp planar, tight contacts a	at 58 ⁰	_		
		and 54 ⁰ to c.a. respectively; trace amounts of pyrite throughout;	E22406	-		
			E22407			
224.9 -		GRANODIORITE: (altered):		<u> </u>		
225.9		Weakly altered dark gray colour on both sides of dike;	E22408	_		
<u>225.9</u> -		BASIC DIKE:		-		
229.0		Identical, composition and colour to 224.3 - 224.9, uniform black	E22409	_		,
	. :	appearance; sharp, broken, planar leading contact at 50 to c.a. sharp	E22410	_		
		planar_unbroken_trailing_contact_at_260_to_c.a.		-		
229.0 -	-	GRANODIORITE (Normal):			· .	
277.0		Darker to 230 ft. but generally orange-pink in overall appearance				
		beyond; occasional bands of sericitic silica alteration (approx. 2%				
		of interval).		-		•
277.0 -	-	GRANODIORITE:	· · · ·			
286.0		Weakly altered through most of interval in fairly even distribution;	E22412			
		matrix darker than normal	E22413	_		Ć
286.0 -	-	QUARTZ STRINGER:		-		
287.0	·	in highly altered granodiorite ½" thick, quartz stringer	E22414			

D. C. V

• T	PROPERTY <u>Skookum Bay (Peterson Opt.)</u> SHEET	5 66			1		HOLE	NO.	<u>_GF-SB</u>	#6T		
ROM TO	DESCRIPTION	NO.	FROM	то	LGTH	oz/T	ppb.		ppm			
	QUARTZ STRINGER:		Ţ									
	<u>Cutting c.a. at 26⁰: translucent to milky gray quartz is well</u>	F22415		•								
	fractured, particularly parallel to vein walls; locally 1% f.gr.											
	as blebs, mostly within the 6" wide black silicified alteration zones											
	adjacent: fractures filled by chlorite with minor carbonate;	E22416	-									
287.0 -	GRANODIORITE (altered):								•			
297.5	Weakly altered throughout except_from 296_0 to 297_5 where it is	E22417										
	pinkish and fresh; similar to 277.0 - 286.0"	E22418	4									
297.5 -	OUART7_STRINGERS:		-									
298.5	In sheared granodiorite: altered granodiorite is reddish. sericitized	E22419										
	milky to translucent gray quartz as &" thick stringers comprising	E22420						•				
		E22421										
	with pyrite as anhedral blebs: fractures random and silica healed	E22422										
	no strong breaks in evidence; no grinding	E22423										
		E22424	4									
298.5 -	GRANODIORITE (Altered):		4									
312.5	Darkened by weak sericitization over most of the interval; similar		4									
	to 277.0 to 286.0		-						-			
312.0 -	GRANODIORITE (altered):			×								
314.9	Intensely sericitized and silicified: primary texture obliterated: dark										-	
	gray-black rock; rare quartz carbonate stringers up to 1/8" thick are											
	at low angles to c.a.; metallic mineralization .in stringers only	ļ	-			•						•
·	and is exclusively pyrite grains coating fractures in the quartz $\hat{D}, \hat{S}, \hat{V}$		1									

PROPERTY Skookum Bay (Peterson Option) SHEET 6 of 6

HOLE NO. GF-SB #6.

FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T ppb		Ag ppm		
314.9 -	GRANODIORITE (Altered):	E22425	1							
358.5	Weakly altered throughout with short locally intense zones, dull gray		_					•		
	buff overall colour:		-							
	Note:- From 315. to 320 , metalic "painting" of segments of core att-		-							
	ibutable to driller's bit)		-		-					
358.5 -	OUARTZ VEIN AND ALTERATIONS.	E22426	-							
359.7	2" thick (true) vein of milky to smokey white vitreous quantz									
	cutting core axis with sharp planar unbroken contacts at 28° .		-							
	Quartz is generally poorly fractured and the few random fractures		-							
	observed are healed with clear silica: approx 1% pyrite as large		-							
	brassy cubes and smaller blebs (5 mm max), within quartz:		-							
	alteration selvages are symmetrical and about 3" thick (est.);		-							
	consisting of silica and secondary micas and approx. 1% as a small		_							
	diss. anhedral py. grains; no primary feldspar remains within selvage		-							
	areas;		-		-					
· · · · · · · · · · · · · · · · · · ·			-							
359.7 -	GRANODIORITE:		-						r	
403.3	Similar to 314.9 to 358.5; normal by end of hole.		-							
403.3	END OF HOLE (17.0 ft. of casing left in the hole).			`						
	Q.C. Wright		-				·			
	June Palsz.		-							
			4							

rwp. /	DOME	BEARING 060° (As+)	TRUE DI	P at SU	RFACE -45 ⁰		DATE STARTED Man	17/81
RANGE	LOT	VERT. DEPTH	At		At	1	DATE FINISHED Mar	19/81
CLAIM NO	526006	LENGTH ^{895.6} CORE SIZE BQ	At		At		DRILLED BYKenora Dia	amond Dr
OORDINA	TES4+180E, 1+00N	NO. of SAMPLES LGTH	At		At		LOGGED BY R Morgan	
LEVATION			At		At			
ROM TO		DESCRIPTION		SAMPLE NO.	FROM TO	LGTH.	Au _ Ag	
9_0*	OVER BURDEN - CASI	NG:						
9.6 - 66.6	GRANODIORITE (Norm	nal):			_			
	Color variable fro	<u>m pink to pinkish white - feldspars whit</u>	e and	22441	-			
	pink. quartz,a bla	ck amphibole (?), biotite and magnetite.	<u>3% sericite &</u>		-			
	<u>quartz & carbonate</u>	alteration_associated_with_thread_like_	carbonate	· · · · · · · · · · · · · · · · · · ·	· ·			
	veinsat variable a	ingles from 30 to 60° - some have traces	of fine	22442	-			
	$\frac{diss}{pyrite} = \frac{10}{10} $	<u>14 carbonate veinlets at about 0° paral</u>	$1e$ to core 145° .		-			
	breaks at 45^0 with	an alignment of matic and a rust-colour	ed weathered					
	stain:			·	_			
	56.3 - 56.8 high a	 Itered mafic inclusion, completely recry	stalized;					
		hrough out core	· · · ·	22443				
6.6 -	GRANODIORITE (alte	ered):			-		REDLAKE MINING DIV. DFCFIVFF	
NX 11 7	Black guartz and s	ericite alteration appears controlled by	<u>veinlets</u>	22444	· · · · ·			
			-		1			

PROPERTY Skookum Bay, (Peterson Option) SHEET 2 of 7

HOLE NO. GF-SB #7.

FROM TO	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T ppt	Ag _ppm		
68.0 -	GRANODIORITE (Normal):								
72.5	Brownish pink, pink feldspars quartz, black amphibole, white feldspars	22445	-						
	magnetite like 19.6 to 66.6	22446	-						
	•		4						
72.5 -	GRANODIORITE (Altered):		4						
73.0	Black, L.C. gradational like 66.6 - 68.0, 1-2% pyrite	22447	-				•		
		22448	4						
		22449	4						
73.0 -	QUARTZ_VEIN:		4						
73_6	Translucent gray to white to brownish white mafic component, open		1						
	spaces, rare carbonate and pyrite within mafic component. Vein is		1						
	broken up L.C. broken at 30° T.C. very irregular also at about 30°		1						
	to c.a.		1						
			1					•	
73.6 -	GRANODIORITE (Altered):		1						
77.2	Dark gray sericite-quartz alteration, thread like carbonate stringer		ļ						
	trace pyrite close to quartz vein. no magnetite. T.C. contact		Ţ						
	gradational		L						
			1						
77:2 -	GRANODIORITE (Normal):	22450	Ļ						
93.9	25% alteration, part of which is in area of less intense alteration	22451	·L						
		22452	∔						
	susceptible to breakage than normal	22453	1						
		22454	⊥						
· · · · · · · · · · · · · · · · · · ·		22455	L.						
	$D, \mathcal{E}, \mathcal{O}.$	22456	上						

PROPERTY Skookum Bay (Peterson Option) SHEET <u>3</u> of <u>7</u>

HOLE NO. GF-SB #7.

FROM	то	DESCRIPTION	SAMPLE	FROM	то	LGTH	Au	[Ag			
			<u>NO.</u>		. •		oz/T ppb	1	ppm		<u> </u>	
93.9 -		GRANODIORITE (Normal) :	·····	-								•
138.2		White feldspars quartz, pink feldspars, amphibole magnetite chlorite;										
		about 30T/total alteration sericite quartz alteration associated	22457									
	to	with carbonate veinlet parallel to c.a.; Pink feldspars enrichment at 45	22458							<i>`</i> .		
		c.a.; rare 2 mm quartz-pyrite stringers at 110.7 and 120.8 mafic clots										
		some of which contain dense pyrite. Inclusion at 125.6										
138.2	-	GRANODIORITE (Altered):										
168.8		Pink sericite and pink feldspar enrichment. Pink feldspar, quartz,	22459									
		chlorite_magnetite_content_variable_3%.gray_quartz_sericite	22460									
		alteration: 140.0 - 145.0 broken ground	22461									
		160.5 - 163.0 high altered.	22462									
		core breaks along mafic high planes at 45 ⁰ to c.a.	22463									
			22465									
			22466									
			_22467									
ļ	• <u> </u>		22468									
		·	·									
168.8.	-	GRANODIORITE (Altered):										
174.8		Gray sericite and quartz alteration, most of original texture	22469		`							1
		destroyed contacts_gradational	22470									
			22471									
ļ		·	22472									
			22473							-		
		D. S. W.										

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option) SHEET 4 of 7 HOLE NO. GF-SB #7.

ROM T	DESCRIPTION	SAMPLE	FROM	то	LGTH	A		A .	<u></u>		
						02/1	ppp	- pp			
174.8 -	GRANODIORITE (Normal):		-								•
178.8	Pinkish brown: pink felspars, white feldspars (greenish) quartz	22474	-								
	amphibole, magnetite, chlorite, traces of pyrite along some fracture	22475	-								
	planes: like 38.2 - 168.8 less altered and not as red-brown		-								
178.8 -	GRANODIORITE (Altered):		-								
184.5	Gray sericite quartz alteration like 168.8 - 179.8, thread like small										
	stringers of carbonate, contact gradational;										
194 5 -	GRANODIORITE (Normal):										
267.5	Pink , slight porphyritictexture, pink feldspars, quartz, white	22476									
	feldspars, amphibole, chorite, magnetite. Less than 1% dark gray	22477									
·	alteration bands, generally associated with thread like carbonate										
	stringers										
	230.0 1" mafic inclusion										
	255.2 2" mafic inclusions commonly breaks at 30 to 45° to c.a., breaks										
	are coated with mafic or carbonate minerals	22478									
	223.8 - 224.1 - 5 light green alteration bands, 0.25 " each @ 60 ⁰ to										
	c.a.	22479									
267.5 -	GRANODIORITE (Normal):	·									
311.0	Pink-white: white feldspars, quartz, pink feldspars, amphibole.	1									
	magnetite, chlorite like 184.5 - 267.5.	22480									N .
	275.5 - 2 mm. quartz carbonate, trace pyrite at 40°; some pink										
	feldspar enrichment:										
	O.G.W.										•

GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option) SHEET 5 of 7 HOLE NO. GF-SB-7

	то		SAMPLE		70	LeTU	Au	-	Ag	ſ	
		DESCRIPTION	NO.	FRUM	10	LGIR	oz/T ppb	I I	ppm	1	
		276.1 0.5mm quartz veinlet with trace pyrite at 40 ⁰ to c.a.]							
		280.3 280.6 pink feldspar enrichment associated with 0.5 mm veinlet									
-		@ 40 ⁰ ; trace pyrite.		_			ı			•	
				_							
311 -		GRANADIORITE (altered)									
317.2		Progressively more altered down hole from pinkish gray to gray -	22481						•		
		carbonate veinlet 1mm with alteration bands of 5mm parallel to c.a. Only	22482								
ļ		n part recrystallized; good reaction to HCL	22483								
					,						
317.2	<u> </u>	GRANODIORITE (altered)									
319.9		Completely recrystallized, coarse grain, pink and gray. Trace pyrite (?) 22484								
		has the appearance as if it had been flowed (?) with chlorite and		4							
	:	carbonate.									
 		· · · · · · · · · · · · · · · · · · ·		4							
318.0	<u></u>	Ultra basic dike at 32 ⁰ ; three inches thick fine grain; chlorite-rich.	1 	4							
318.2		traces_of_pyrite		4							
<u> </u>		<u>318.2 - 318.4 basic dike at 32⁰, 0.75 in thick fine</u> grained chlorite		4							
	- <u>-</u>	rich trace of pyrite; strong reaction to HCl; chilled margins.		4	•						
				ł							
318.9	.	Basic dike dark green chlorite rich matrix has strong reaction to HCl	22485	ł							
322.7		abundant structural deformed carbonate veinlet possible mylonite, trace	· · · · · · · · · · · · · · · · · · ·	4	`						
 		of pyrite, LC. @ 32° sharp, planar tight: T.C. @ 60° sharp, planar		4							
		tight. Central portion has few carbonate veinlets 0.5 inch;green	<u> </u>	4							
 		fine-grained dike up against trailing contact is carbonate poor; very	· · · · · ·	╉							
 		magnetic.		+							
L		<i>U</i> . 6, <i>N</i> .	<u>I</u>	L							

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PROPERTY_Skookum Bay (Peterson Option) SHEET 6_____ of _____

HOLE NO. GE-SB-7

FROM	то	DESCRIPTION	SAMPLE	FROM	то	LGTH	Au		- Ag			Į
L			<u> </u>	_ll		I		D 1	Innm	1	•	1
322.7	-	Granodiorite (normal) pinkish white slightly prophyritic - pink feldspars	22486	_								
340.5		white feldspars quartz ^{chlorite} , magnetite. Minor alteration bands of	22487	_								
		graysericite quartz alteration associated with carbonate thread-like	22502	_						٠		
		veinlets.	22488									
			١									
340.5	-	Quartz carbonite vein ½ inch thick; fractured gray translucent quartz	22489	_								
340.8		and white carbonate at 34° about 1 inch altered granodiorite on each										
		side sericite and quartz alteration ; good reaction to HC1		_								
340.8	-	Granodiorite (normal) like 322 - 340.5; 2 inch mafic inclusion at	22490									
341.1		342 ft.	22491	_								
			22492	_								
341.1		Quartz carbonate vein with associated 3 inch alteration like	22493									
341.8		(340.5 - 340.8), more carbonate rich at:16 ⁰ (?) to C.A.	22494									
			22495									
341.8	-	Granodiorite (Normal) pink (like 322 - 340.5)	22496									
352.8			22497									
			22498						• •			
352.8	-	Granodiorite (altered) seriicite quartz alteration:353.7 quartz 6mm	22499							•	•	
354.8		gray quartz vein associated discontinuous chert veinlets;4mm @ 50 ⁰	22500									
		to c. a.	22501	-								
		354. carbonate: white veinlet 3mm 0 28 ⁰ to core axis.		4							- 7	
354.8	-	Granodiorite (Normal) pink(see 322 - 340.5)sericitized feldspar		4							Ð	
358.5		abundant.	1	1								
		D. S. W.		1								

GOLD FIELDS MINING CORP. PROPERT^{SKOOKUM}. Bay (Peterson Option) SHEET 7 of 7 HOLE NO. GF- SB-7

FROM TO		SAMPLE	FROM	то	L GTH	A	u		Ag			
		<u>NO.</u>				oz/T	ppb		ppm			<u> </u>
358.5 -	Quartz carbonate, chlorite vein 6mm with associated altered											
359.5	granodiorite 033 ⁰ to C. A.											
359.5 -	Granodiorite (normal) pink porphyritifink feldspars, quartz, white											
376.2	feldspars. chorite.magnetite.traces of pyrite. 5% sericite- quartz											
	alteration associated with carbonatechlorite veinlets.											
·					ļ		 					
<u>.376.3</u>	Quartz charite carbonate vein with associated gray sericite-quartz				<u> </u>				 		<u> </u>	
376.5	alteration_045 ⁰ to_c.a.					 	ļ		 			
					<u> </u>				ļ			ļ
376.5 -	Granodiorite (normal) pinkish white [359,5 -376,2]				<u> </u>		<u> </u>					
395_6					<u> </u>		 		ļ			
							<u> </u>		ļ			
					<u> </u>		ļ					
395,6	END OF HOLE (9.0' of BW casing left in hole)				_		L		ļ			
		_			<u> </u>							
			_		ļ		ļ		ļ			
							<u> </u>	<u> </u>				ļ
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	D.G. Wight								ļ			
	Jun 23/62						L					L

× •	GOI	Skookum Bay, Peterson Optic	5 M SHEET		ING	CORP. HOLE NO. GF-SB #8.
TWP.	DOME	BEARING 150 ⁰ (Ast)	TRUE D	IP at SUI	RFACE -45 ⁰	DATE STARTED Mar. 19/81
RANGE	LOT	VERT. DEPTH	At		At	DATE FINISHEDMarch 22/81
CLAIM NO	O .526284	LENGTH 656.0 CORE SIZE BQ	At		At	DRILLED BYKenora Diamond Drilling
COORDINA	TES 34+100E, 11+00N	NO. of SAMPLES LGTH	At		At	LOGGED BYR. Morgan
ELEVATION	N		At		At	
FROM TO		DESCRIPTION		SAMPLE NO.	FROM TO LGT	TH. Au Ag Ag
0.0 -	CASING AS REPORTED B	RY_DRILLER]	·
10.0					-	
					-	
9.0′-	GRANODIORITE (Normal)		22503	-	
39.0	Pinkish brown, pink	feldspars quartz, white feldspars, amp	<u>hibole, chori</u>	te.22504	-	
	magnetite, trace pyr	te. minor grinding at 19.5 - 20.0		22505		
	35.9 - 36.2 altered	bands of granodiorite, gray sericite.	quartz	22506	-	
	38.9 - 39.0 altered	bands of granodiorite, gray sericite a	nd quartz	22507	_	
·	·			22508	4	
				22509	1	
		·		· · · · · · · · · · · · · · · · · · ·	4	
39.0 -	LAMPROPHYRE DIKE:		·	22510	1	· .
39.4	Dark green, fine gra	ined chorite rich, very magnetite rich	<u>. L.C.</u>	22511	-	
	irregular, tight at	55°: T.C. irregular, tight at 53° to c.	a. strong		_	REDLAKE
	reaction to HC1	·	-			MINING DIV.
					, ·	
39.4 -	GRANODIORITE: (Alter	ed)			4	JUN 28 ISOL
44.5	Dark gray with some	pink feldspars, extensively recrystall	ized.		4	718191101111211121314:5
•	no magnetite, strong	reaction to HCl. trace pyrite T.C. gr	adational		↓ .	<u> </u>
			<u>V. 5. V</u>		Ţ	

	PROPERTY <u>Skookum Bay (Peterson Option)</u> SHEET_	of	HOLE NO.GF-SB #8.
FROM TO	DESCRIPTION	SAMPLE NO.	FROM TO LGTH Au - Ag
44.5 -	GRANODIORITE (Altered)		
45.5	Light brown very silica rich; sericite-quartz alteration, trace		
	pyrite 44.9 gray and white quartz stringer ½ "		
45.5 -	BASIC DIKE:		
46.0	Thin gneissic lamination green, white, light brown, strong HC1		
	reaction, small (%") quartz stringer at 45.7', L.C. tight, planar at		
· · · · · · · · · · · · · · · · · · ·	530 to c.a., T.C. irregular at 500 c.a.		
46.0 -	GRANODIORITE (Altered)	·	
48.4	Brown gray alteration, recrystallized, no or poor reaction to HC1.	22512	
	the last 5" are flooded with white quartz and hematite, fine pyrite	22513	
i		22514	
48.4	GRANODIORITE (Altered):	22515	
48.6	Red. brown fine grained L.C. marked by fine line of mafics at 80° but		
	irregular. T.C. 80 ⁰ irregular , trace pyrite		
48.6 -	BRECCIA:		
48.7	Rounded fragments in a hemotite matrix. fragments are altered	-	
, 	granodiorite like the end of 46.0 to 48.4 T.C. tight planar at 71 ⁰		
	trace pyrite		
48.7 -	GRANODIORITE (Altered):		
50.7	Red, brown, fine grained like (48.9 - 48.6) T.C. gradational		
	U.C.V.		

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GOLD FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option) SHEET 3 of 11 HOLE NO. GF-SB #8.

FROM	то	DESCRIPTION	SAMPLE NO.	FROM	то	LGT	u ppb	 Ag ppm		
50.7 -	-	GRANODIORITE (Normal)								
50.9		Pink minor sericite quartz alteration, white feldspars are apple		-						
		green		_						
			22516	_						
50.9 -	-	GRANODIORITE (altered)		_						
60.0		Gray quartz-sericite alteration, some pink feldspars remain, fair	22517	-						
		reaction to HC1	22518	-						
			22519	-						
60.0 -	-	GRANODIORITE (normal)	22520	-						
75.1		5% sericite and quartz alteration, pink, pink feldspars, quartz, white	22521	-						
		feldspars, chorite, amphibole, magnetite, trace pyrite	22522	-						
			22523	-						
		· · · · · · · · · · · · · · · · · · ·	22524	_						
75.1	-	LAMPROPHYRE DIKE:		-						
75.3		Dark green, strong HCl reaction, fine grained L.C. sharp, tight		-						
		irregular at 50° to c.a.: T.C. sharp. tight. planar at 82° to c.a.:	ļ	-						
		trace of pyrite 1 mm cubes		-						
				-						
75.3 -		GRANODIORITE (Normal)					•		•	
83.6		same as (60.0 to 75.1)	+					•		
L				-	•					
83.6 -	•	GRANODIORITE (altered):	22525	-						
85.8		Gray, sericite and quartz alteration; completely recrystallized, 2%	22526	-						
ļ	<u> </u>	fine diss. pyrite ; good reaction to HC1, both in the rock and on the	22527	-						
		fine carbonate stringers, no magnetite	\`							
		(). b. *								

PROPERTY Skookum Bay (Peterson Option) SHEET 4 of 11

HOLE NO. _GF-SB #8.

FROM	то	DESCRIPTION	SAMPLE	FROM	то	LGTH		u I on b		Ag		Ţ
95.9							10-7	Thha	L _	This	1	1
<u>86</u> 3		Fine grained dark green strong structural fabric at 45° to c a no		-								
		magnetite no reaction to HCl thread like carbonate stringers		-								
		associated with them, trace pyrite, L.C. tight, sharp, planar at		-								
		45° to c.a., T.C. tight, sharp, irregular at 45° to c.a.		-								
86.3 -		GRANODIORITE (altered):		-								
89.5		Gray, 2% fine diss. pyrite, same as (83.6 - 85.8)										
89.5 -		GRANODIORITE (Normal)	1									
91.5		Pink, minor gray alteration bands, 1% fine diss. pyrite	22528									
 		91.3 1 inch lamprophyre dike contacts at 900 to c.a.		-							•	
91.5 -		LAMPROPHYRE DIKE:	22529	_								
95.7		Medium grained, dark green	22530									
		Strong reaction to HCl, L.C. broken, sharp, planar at 85 ⁰ , T.C.	22531									
[-	tight, planar, sharp at 50 ⁰ to c.a.		4								
95.7 -		GRANODIORITE (Normal)		1								
98.3		Pink, 10% gray alteration; 0.5% fine, diss. pyrite like (89.5-91.5)		4								
98.3 -		LAMPROPHYRE DIKE:		1								
99.4		Medium, grained dark green like (91.5-95.1)		Ŧ								1
			<u></u>	1							•	
		<u> </u>		L								

GOLD FIELDS FIELDS MINING CORP. PROPERTY Skookum Bay (Peterson Option) SHEET 5 of 11 HOLE NO. GF-SB #8

								•		
FROM	то	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T ppb	Ag ppm		
99.4 -		GRANODIORITE (Altered)		1						
101.0		Pink to gray, like the altered parts of (89,5 - 91.5) on which is		-						
		superimposed 2 green alteration bands at 55° and 85° to c.a.	22532	_						
				_						
101		LAMPROPHYRE DIKE:		-						
108.9		Green, medium grained, variable in appearance, ground mass has strong	22533	_						
		reaction to HCl. carbonate stringers at 85 ⁰ , mofic rich bands at	22534	-						
		45 ⁰ L.C. tight, planar, sharp at 56 ⁰ to c.a., T.C. broken, sharp,	22535	-						
		planar at 89 ⁰ to c.a.	22536							
				-						
108.9 -		GRANODIORITE (altered)							•	
109.4		Gray like (99.4 - 101.0) o.5% pyrite		-						
·				-						
109.4 -		LAMPROPHYRE DIKE:		-						
110.5		Green like (101.0 - 108.9)		_						
				-						
110.5 -		GRANODIORITE (altered)								
111.5		Like (99.4 to 101.0) greenish red appearance		1						
111.5 -		LAMPROPHYRE DIKE:	22537			-				
113.2		Olive green fine grained no raction to HC1, 1.c. broken, sharp at	22538	•						
		80 ⁰ , T.C. broken, sharp, planar at 53 ⁰	22539	_						
			22540	4						
				4					-	
		₩.6. ^v .		4						
L.										

GOLD FIELDS MINING CORP. PROPERTY_Skookum Bay (Peterson Option) SHEET 6 of 11 HOLE NO. GF-SB #8 TO DESCRIPTION

		N O.
113.2 -	GRANODIORITE (normal):	22541
168.4	Pink and gray, 5% gray sericite, quartz alteration slightly porpheritic,	22542
	pink feldspars, quartz, white feldspars, amphibole, magnetite, no	22543
	reaction to HC1, <u>trace</u> pyrite	22544
		22545
		22546
168.4 -	BASIC DIKE:	22547
169.0	Gnessic texture, poor reaction to HCl	22548
	•	22549
169.0 -	GRANODIORITE (Normal):	22550
285.9	Pink gray, same as 113_2 - 168_9	22551
		22552
	· · · · · · · · · · · · · · · · · · ·	• • • • • • • • • •
		22553
		22554
		22555
		22556
	<u>μ. β. ν.</u>	· · · · · · · · · · · · · · · · · · ·

FROM

· · · · · · · · · · · · · · · · · · ·	PROPERTY Skookum Bay (Peterson Opt	tion) SHEET 7 of 1		HOLE	NO. <u>GF-SB #8</u>	
м то	DESCRIPTION	SAMPLE NO.	FROM TO LG	TH <mark>oz/T ppb</mark>	Ag ppm	
GRANODIO	RITE (Normal):	22557	_			
		22558	_			
		22559	_			
		22560	_			
		22561	_			
		22562	_			
		22563				
	· · · · · · · · · · · · · · · · · · ·	22564	_			
		22565	-			
		22566	_			•
	·	22567				
		22568	_			
		22569				
	· · ·	22570	_			
		22571				
			-			
			• 			
		225/2	- `			
		225/3				
		() 0 11				

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GOOD FIELDS MINING CORP. PROPERTY_Skookum Bay, Peterson Option SHEET 8 of 11 HOLE NO. __GF-SB #8 FROM TO DESCRIPTION SAMPLE NO. Au Ag FROM TO DESCRIPTION SAMPLE NO. FROM TO LGTH Au Ag 285.8 22575 290.5 gnessic texture, soapy appearance, green, no reaction to HC1; 22575

285.8 -	METAGOBBRO DIKE:	22575
290.5	gnessic texture, soapy appearance, green, no reaction to HC1:	22576
	feldspars bands of about 1mm or less: pink feldspars augen	22577
	287.8 - 288.0 white quartz, vein very irregular	22578
	$290.4 \frac{1}{3}$ quartz, same appearance as $287.8 - 288.0$	22579
	290 3 - 290 5 quartz vein or quartz floaded L C sharp broken	22580
	at 90° to c.a.	22581
		22582
290.5 -	GRANODIORITE (Altered):	
294.5	Flooded with white translucent quartz about 50% granodiorite; 50% quartz	
	the granodiorite is pink enriched in mafic minerals; 2° pyrite, no	
	reaction to HCl, no magnetite, also about 5% carbonate in patches.	
	L.C. abrupt and irregular at 67° to c.a. T.C. is gradational.	
294.5 -	GRANODIORITE (altered):	
298.8	slightly greenish gray alteration, original texture remains, no	
	reaction to HCl: minor carbonate tourmaline; thread like stringers	
·	at 40° to c.a.	
	•	
298.8 -	GRANODIORITE (Normal):	22583
309.1	Pink with gray sericite and quartz alteration bands, slightly	22584
	prophoritic like 113.2 - 168.4, pink feldspars, quartz white feldspars	
	amphibole, magnetite, no reaction to HCl, Alteration bands are think and	22585
	have a fair reaction to HC1, and are associated with thread like	22586
	carbonate stringers at 50° to 60° to the core axis. L.C. gradational	22587
	no pyrite $\Omega \in \mathcal{N}$	

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GOLD FIELDS FIELDS MINING CORP. Skookum Bay, Peterson Option SHEET 9 of 11 HOLE NO. GF-S HOLE NO. GF-SB #8.

FROM

348.3 -

361.6

GRANODIORITE (altered) :

350.6 white carbonate stringers

near T.C. 5% pyrite 356.1 mafic dike 1"

Gray original texture completely destroyed: bleached L.C. contact

gradation, poor reaction to HC1 except on abundent carbonate stringers;

FROM	то	DESCRIPTION	SAMPLE NO.	FROM	то	LGTH	Au oz/T p	pb	 Ag ppm	
309.1 -	-	LAMPROPHYRE DIKE:		-						
310.0		Dark green, poor reaction to HCl, L.C. tight, sharp, planar at 45° to	· · · ·							
		c.a., T.C. broken, planar, sharp at 45 ⁰ to c.a.								
310.0	-	GRANUDIURITE (altered) :								
327.6		Pink original texture in part destroyed by the growth of pink leidspars,	······································	•					•	
		also has pink feldspars rich stringers at 60° to c.a., contacts								
		gradational								
327.6		GRANODIORITE (Normal);	22588	•	•					
336.0		Pink 5% gray sericite quartz alteration like (298.8309.1)	22589							
			22590							
336.0	.	GRANODIORITE (altered):	22591	• •						
344.8-		Grav sericite-quartz alteration about 30% normal granodiorite	22592							
		sections. Alteration is associated with thread like carbonate	22593							
		stringers contacts are gradational	22594							
			22595							
344.8		GRANODIORITE (altered)	22596	-						
348.3		pink. original texture almost destroyed, pink feldspars enrichment	22597	s 						
			22598	1 4						

U.C.W.

PROPERTY Skookum Bay, Peterson Option SHEET 10 of 11

HOLE NO. _ GF-SB #8

Au 🖓 🧀

Ag

FROM TO	DESCRIPTION	SAMPLE NO.	FROMTO	нта і
361.6 -	CARBONATE:			
363.5	Chorite, quartz brecciated dike, 1% pyrite, angular fragments, L.C.		_	
<u> </u>	broken, abrupt irregular at 75% to c.a.; T.C. tight, planar abrupt		_	
	<u>at 75% to c.a.</u>		_	
363.5 -	GRANODIROTE (altered):			
366.3	Gray like (248.3 - 361.6)	22599	-	
		22600	-	
366.3 -	GRANODIORITE (altered):	22601	_	
379.7	Pink and gray , typical gray sericite quartz alteration, pink (normal)	22602	-	
	section the crystal contacts have become cloudy	22603	-	
		22604	→	
379.7 -	GRANODIORITE (altered):	22605	÷	
398.6	Silicified gray sericite quartz alteration with pink feldspars	22606	-	
	enrichment, fair reaction, no original texture, L.C. and T.C.	22607	•	
· · · · · · · · · · · · · · · · · · ·	gradational	22608	-	
	385.3 to 386.3 quartz stringer at 50 ⁰ to c.a., gray blue transparent	22609	-	
	small offset of 2 inch within the quartz vein	22610	-	
		22611	-	
398.6 -	GRANODIORITE (altered):	22612	_	
400.5	Pink, sericite and K feldspars enrichment, no original texture, L.C.	22613		
	gradational, T.C. marked by broken ground			
40 <u>0,5</u> -	LAMPROPHYRE DIKE:			
426.0	Medium grained, green, strong reaction to HCl. L.C. and T.C. marked by		-	
L	broken ground $\hat{\mu} \in \mathcal{V}$.		-	

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ом то	DESCRIPTION	NO.	FROM	то	LGTH	OZ/T	ppb.	•	ppm		
	LAMPROPHYRE DIKE:										
	Appears to have assimilated same K feldspars from the Granodiorite		-								
	403.6 small amount of broken ground	22614	-								
6.0 -			-								
8.9	Pink to green, sericite and K. feldspar enrichment; original texture	22615	-								
	destroyed, like (398.6 to 400.5) T.C. gradational	22616	-								
8.9 -	GRANODIORITE (Normal):		-								
0.0	Pinkish gray to pink; 10% gray sericite quartz alteration bands	22617	-								
	associated with carbonate stringers less than 1 mm thick: slight	22618	_								
	propheritic texture: L.C. and T.C. gradational. T.C. mark by an	22619	_								
	alteration bands (gray sericite-quartz)	22620									
30.0 -	GRANODIORITE (Normal):		-								
9.1	White like (428.9 - 580.0)										

22621

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R. M. 0.3 52

JV.A.

A.

7. B. Why

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White to pinkish like (428.9 - 580.0) but with a cloudy appearance

End of hole (10.0 ft. B.W. casing left in hole)

656_0

656.0

to texture





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SCALE: 1 in - 500 A .



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SCALE 1 in - 500 ft.





Scale : 1" - 500 A.



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KRL 1 0 KRL 0 1 1 541143 KRL DKAL 1 KRL KRL KRL KRL 541149 1 RA No i KRL. KRL KRL KRL 4790 47902 47903 ₽ 541142 10658 KRL 5411 50 RL 35 ¥ 62 KRI 10660 Ð 900 T KRL ÷ ¥ 7 KRL KRL Pornell 541128 / KRL KRL KRL 10651 ł 4790 541097 KRL ç**₩)**88 ₹.83 541121 047909 1 54114 541106 541115 47906 541 3 10661 KRL 15. KRL 1063 ¥ 12180 KRL KRL KRL KRL KRL KRL KRL KRL Ô KRL 12181 89 KRE KRIN 84 7KRL 914 541098 341105 341116 641120 KRL 2M. KRL 4 5/4063 540635 1029 915 ۲ KRL. KRL KRL KRL KRL KRL KRL KRL **K**R 541131 541119 541130 1030 KRL KRL McKe 541099 541104 54117 5406 540636 • Island KRL KRL 3KRI 10918 10916 KRL KRI 91 062 KRL ļ KRL KRL KRL KRL 1063 M.2158 10583 540630r • 541118 540628 12307 540637 MacKenzie 541100 1541103 KRL KRL 10633 KRI KRI KRL KRL KRL 106 KRL 10921 540631 540632 KRL 10653 KRL 540626 KRL KRL 540629 ÷., 10922 541101 541 (102 062 10923 KRL 10640 KRL . KRL KRL KRL 7 KRL KRL KRL KRL 10642 KRL 8" pe13/ KRL 10662 Ū. 10643 KRL 10670 540602 490436 490435 540615 540614 KRL 10644 540624 KRL ÷, . à 3M 1067 TKRL 41961 KRL KRL KRL KRL KRL KRL 6 Island KRL 5406161 540617 KRL 1 KRL 5406071540608 ¥ 540618 \$40609 540603 1540623 49043 KRL KRL 419 FAIRLIE KRL KRL KRI T/ 5406ig 41963 540612 54061 KRL KRL KRI 1139 KRL KRL KRL 1139 0622 90/433 11390 540604 54 KRL KRL KRL 1: 9 41968 41969 41966 1871. 1870.124 11372 KRE KRL KRI 12 12057 1140640 8 (**8** OE P 42052 KRL 41967 41970 Z KRL x 11373 0 KRL #54-82 13319 KRL 11527 KRL ¥ KRL 2177 3318 42058 42059 T KRL 11528 KRL 1482 5406 540639 v T 10313 ¥ 4M.+ KRL -KRL KRL 541091 KRL KRL 42064 42062 42061 42072 42073 541079 861 541080 541085 541075 541074 ĸŔ KRL SAIO KRL King I. KRL KRL KRL L K a 8 KRL KRL 42066 8-2066 42063 42065 5410 42075 541078 541073 42074 541084 541081 `e., 541076 KRL KRE KRL KRL TTA KRL KRL KRLT IT 7420687/ ות רך 777. 51771717 7 42071 42070 42069 42067 540712 5407 541077 541082 541083 54 088 541089 Forestry KRL KRĽ Pt. A KRL KRL KRL KRL KRL Ŵ 8082 13258 8081 13257 ¥ KRL 22 \$40720 \$40718 540725 KRL 5945 KRL 5944 540714 Ð 5946 KRI 5M.+ UrnerKRL KRL KRL KRL KRL KR 163 KRL 540719 0540715 5889 2138 640721 40723 540728 540726 2137 • KRL 619 KRI KR 821 KRL KRL KRL Ŷ เหตะโ 5888 KRL ÷Ē 7798 1054072 643 54072 . 2134 **RK977** KRL 5010 KRL KRL . 526284 KRL 6zo 6007 526 Á98 KRL KRL **5800** KRL 526283 2136 BOY 822 KRL KAL KRI 2135 KRL 526005 KRL 'n KR Skook 6 , KRL - 1347 /10162 KRL 526497 KRL 5137 KRL T KRL 5726006 KRE 5138 2139 5136 . KR KRL KRL KRL 69,64 4M.• 5Ň 458 509849 KRL ö 526007 2981

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