



ASARCO EXPLORATION COMPANY OF CANADA, LTD.
EUREKA RESOURCES, INC.

FRASERGOLD PROPERTY
Cariboo Mining Division, B.C.

DRILL LOGS TO ACCOMPANY
1990 ASSESSMENT REPORT
November, 1990

Drill Holes 90-106 through 90-144
Folder 1 of 2

2 of 3
PART

20547

DIAMOND DRILL RECORD

20547

Part 2 of 2

 PROPERTY FRASER GOLD

 HOLE No. 90-106

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
178m	-44°	

 Hole Size HQ
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

 Total Depth 178.3m
 % Recovery 75.8
 Elev. Collar 1522.1m
 Latitude -89.684
 Departure 5015.358

 Sheet No 1 of 21
 Logged by C. DITSON
 Date Begun JULY 5, 1990
 Date Finished JULY 9, 1990
 Core Stored At RASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		TO	FROM						Au	CAu	MAu	Other A	Other B	
		0	15.85	OVB										
TR DISS P4	50 51	15.85	18.0	KP	—	- LIMONITIC	60.0	16101	.001					6.0
TR DISS P1		18.0	19.5	KP	—	- LOCALLY LIMONITIC - P4 REPLACING PORPHYROBLASTS	78.0	16102	.001					19.0
	50 52	19.5	21.0	KP	—	- BROKEN GROUND @ 20.9 m - OLDER LIGHT GREY BANDS (50) - GREENLISHED P4 FOLIATION (52) - SMALL '2' FOLDS	78.0	16103	.001					19.0
		21.0	22.5	KP	—	- NUMEROUS HAIRLINE QTZ VEINS CREVULATED ALONG 51 (?) - '2' FOLDS	75.0	16104	.001					19.3
LOCAL P4 ALONG 51	60 51	22.5	24.0	KP	QTZ 10	- BROKEN GROUND TO 22.8 m (INCLUDES 4 cm QTZ VEIN AND SOME QTZ PEBBLES) - 4 cm BED BROWN MUDSTONE @ 22.9 m (NO FOLIATION OR CLEAVAGE) - 9 cm QTZ VEIN @ 23.5 ± 3 cm VEINS BELOW	75.0	16105	.001					19.3
TR P4		24.0	25.5	KP	QTZ 5	- @ 25.12 - 25.5 QTZ VEIN SWARMING VEINS ± 7 cm WIDE LOCALLY CHLORITIC - KNIFE RARE ADJACENT TO VEINS	86.0	16106	.001					20.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 2 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						me	AC	MAu	Other A	RQD
DISS & STRINGER P4		25.5	27.0	KP	QTZ 50	- QTZ VEINS < 7 CM, SOME ALONG SI AND OTHERS ANASTOMOSING - CHLORITE BLOTCHES IN QTZ - SERICITIC FRACTURES - STRUCTURES LOCALLY CONTORTED	86.0	16107	.001	<.002			20.0
		27.0	28.5	KP	QTZ 30	- SAME AS ABOVE, LESSER QTZ	100	16108	.001	<.002			39.0
TR P4	70° SI	28.5	30.0	KP	QTZ 3	- FAINT FOLIATION (SI)	100	16109	.020	.018			39.0
TR P4		30.0	31.5	KP	—	- < 1 CM QTZ VEIN @ 30.3 M ALONG, SI, HAS '2' COLES - STRINGER P4 ADJACENT ABOVE VEIN ALSO ALONG SI	100	16110	.001	<.002			63.3
TR P4	70° SI	31.5	33.0	KP	—	- TWO QTZ STRINGERS @ 80° TO C/A CENULATED BY SI	100	16111	.001				63.3
LOCAL STRINGER P4 @ 33.25m		33.0	34.5	KP	QTZ 15	- GENERALLY SMALLER PORPHYROBLASTS - @ 34.1-34.5 QTZ VEIN SWARM WITH 60% IRREGULAR QTZ VEINS	88.0	16112	.001				33.0

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 SHEET No. 3 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						M.E.	Other	MAU	A	RQD
P4 + P0 @ VEIN SELVAGES		34.5	36.0	KP	QTZ 50	- QTZ VEINS AND ROLLS (?) - @ 35.05 - 35.30 TOP OF FOLDED VEIN CROSSES CORE THIS - S1 DISTURBED BETWEEN VEINS - CHLORITIC PATCHES IN QTZ VEINS	88.0	16113	.001				33.0
DISS + BLEBBY P4 REPLACING KNOTS	60° S1	36.0	37.5	KP	QTZ 2	- @ 36.0 - 36.15 QTZ VEINS @ 90° 45° TO CIA - S1 IRREGULAR AND CONTROLLED BY MINOR QTZ VEINS, EVEN'S OUT TO 60° @ BOTTOM OF SECTION	86.7	16114	.001				44.0
	30° S1	37.5	39.0	KP	QTZ 2	- S1 BACK TO 70° - NARROW QTZ VEIN AND SILICIFIED ZONE @ 37.7 HITS 'Z' FOLD	98.0	16115	.001				76.7
		39.0	40.5	KP		- MINOR QTZ STRINGERS ARE KINKED BY S1 - VEINS @ 39.8 LOOK LIKE FOLDED PRIOR TO S1	93.3	16116	.001				25.3
BLEBBY P4 + P0 (L1%) IN QTZ VEIN	70° S1	40.5	42.0	KP	QTZ 30	- @ 41.6 - 42.0 SINGLE QTZ VEIN @ 60° TO CIA - QTZ VEIN LOCALLY CHLORITIC - CARBONATE @ BOTH SELVAGES		16117	.001				

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 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 4 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AL	MAu	Other A	RDD
STRINGER + BLEBBY PY @ TOP OF SECTION (2%)		43.5	45.0	KP	/	- DISRUPTED S1 + 2-3 cm QTZ VEIN @ TOP OF SECTION - 15 cm QTZ VEIN @ BOTTOM	100	16118	.001				47.3
TR PY	70° S1	43.5	45.0	KP	QTZ 20	- MOST QTZ VEINS FROM 43.5-44.6m, SOME @ END OF SECTION - ALL VEINS < 5 cm AND PARALLEL S1	84.7	16119	.008				0
TR PY	75° S1	45.0	46.5	KP	QTZ 3	- MINOR QTZ STRINGERS, 2 NARROW VEINS IN TOP 20 cm - @ 45.4-46.5 MODERATE TO STRONG SILICIFICATION - @ 45.2-45.8 STRONGLY SILICIFIED WITH FEW KNOTS	82.7	16120	.001				18.0
TR PY	70° S1	46.5	48.0	KP	/	- MODERATE TO STRONG SILICIFICATION	83.0	16121	.001				14.7
TR PY		48.0	49.5	KP	/	- STRONG SILICIFICATION - @ 48.37-49.5m RUBBLE, TR SERICITE ON FRACTURE SURFACE - SILICIFICATION OVERPRINTING FOLIATION - CLEAVAGE @ 85° TO CIA	67.0	16122	.001				0

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 HOLE No. 90-106

 SHEET No. 5 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	BC	MAu	Other A	ROD
1% DISS & STRINGER PY	71° 50 51	49.5	51.0	KP/BBPI SLST		- @ 49.5-50.4 RUBBLE - @ 50.25-50.77 BANDED PHYLITE AND MINOR SLST - @ 50.77-51.0 KP	80.0	16123	.006					24.7
TR DISS PY	60° 70° 51 QTZ VEIN	51.0	52.5	KP	QTZ 5	- @ 50.26 7 CM WIDE QTZ VEIN	100	16124	.001					92.0
1% PY BLEBS	70° 51	52.5	54.0	KP	QTZ 1	- @ 53.9-54.0 SILICA FLOODING	90.7	16125	.007	.013				84.0
1% PY, TR PO	70° 51	54.0	55.5	KP/BBPI	QTZ 7	- LIGHT BANDING PARALLEL TO SD - SILICIFICATION - @ 54.0-54.1 QTZ VEIN	100	16126	.021	.019				100
TR PY	65° 75° 50 51	55.5	57.0	KP		- @ 56.4-56.7 SILICA FLOODING	94.7	16127	.001	<.002				92.7
TR DISS PY		57.0	58.5	KP	QTZ 3	- @ 58.12-58.16 QTZ FLOOD ZONE - MINOR FOLDING - FOLIATION IS CRESCULATING BANDING	93.3	16128	.001					76.7

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 SHEET No. 6 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	FOD
TR P4	70° / 51	58.5	60.0	KP/SLST	QZ 5	- @59.72-60.0 STRONGLY SILICIFIED - QZ VEINING ± 2 CM WIDE - MINOR INTERBEDDED SLST	89.3	16129	.001				45.3
TR P4	70° / 51	60.0	61.5	KP	QZ 3	- @60.17-60.3 QZ VEINING ± 1 CM WIDE - 'Z' FOLD	97.3	16130	.001				83.3
1-2% P4 + P0		61.5	63.0	BBP/KP	QZ 20	- INTERBEDDED BBP AND KP - MINOR KNOTS LOCALLY - SERICITE ON FRACTURE SURFACES	95.3	16131	.001				70.0
1-2% P0 + P4	70° / 51	63.0	64.5	BBP/KP	QZ 25	- MINOR SLST - FEW KNOTS - @63.0-63.91 QZ VEINING ± 1.3 CM WIDE - P4 & P0 REPLACING QZ AND CARBONATE VEINS	96.7	16132	.007				50.7
TR DISS P4	65° / 51	64.5	66.0	KP/BBP	QZ 1	- @64.7-65.17 STRONG SILICIFICATION - FEW STRINGERS @ BOTTOM OF INTERVAL THAT HAVE BEEN CREWLLATED	100	16133	.001				68.0

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 SHEET No. 7 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	MAU	Other A	ROD
TR PY	70° 51	66.0	67.5	KP/BBP	QTZ 10	- @ 66.65-67.5 SLT / SILICIFIED BANDS ≤ 6 CM WIDE WITH QTZ VENNING	100	16134	.001				78.0
1% PY	75° 51	67.5	69.0	KP	QTZ 5	- PREDOMINANTLY STRONGLY SILICIFIED	100	16135	.001				60.0
TR PY	70° 51	69.0	70.5	KP	QTZ 3	- MODERATE TO STRONG SILICIFICATION	95.3	16136	.001				61.3
TR PY	55° 70° 51 52?	70.5	72.0	KP	/	- MODERATE TO STRONG SILICIFICATION THAT APPEARS TO HAVE OCCURRED PRIOR TO FOLIATION - TR CARBONATE COATING FEATURE SURFACE	100	16137	.001				94.7
TR PY	70° 51	72.0	73.5	KP	/	- @ 72.92-72.97 TRACKS OF CLOSELY SPACED PORPHYROBLASTS CUTTING S1	94.6	16138	.001				90.0
TR DISS PY	70° 51	73.5	75.0	KP/BBP	/	- BANDS OF STRONG SILICIFICATION	100	16139	.001				90.0

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 HOLE No. 90-106

 SHEET No. 8 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL. 50°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	FA ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RQD	
TR-1% PY	51 52?	70°	75.0	76.5	KP/CS	QTZ 27	- @ 75.3-75.76 ZONE OF QTZ VEINS ≤ 5 cm WIDE - @ 75.76-76.0 CALCAREOUS SLST - SHARP LITHOLOGIC CONTACT	93.3	16140	.001				57.3
TR PY	50 51 52 (GOUSE)	50° 65° 60°	76.5	78.0	KP/CS	QTZ 2	- @ 78.14-78.28 SHARP CONTACT WITH CS - @ 77.67 MINOR GOUSE @ 50° TO C/A	100	16141	.001				42.7
TR PY	51	70°	78.0	79.5	KP	QTZ 12	- @ 78.12-78.57 ZONE OF QTZ VEINS ≤ 5 cm WIDE	88.0	16142	.001				46.0
PO+PY IN QTE VEINS WITH DOLOMITE CLOTS	51	60°	79.5	81.0	KP	QTZ 22	- @ 79.95-80.55 ZONE OF QTZ VENING ≤ 11 cm WIDE WITH TR CALCAREOUS VUGS, DOLOMITE CLOTS, AND CHLORITE ALONG VEIN SELVAGES	95.3	16143	.001				73.3
TR-1% PY	51	70°	81.0	82.5	KP	QTZ 1	- @ 81.4-81.65 KNOTS ABSENT - PY STRINGERS	100	16144	.001				62.0

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TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
	70°	82.5	84.0	KP	QTZ 3	- @ 82.92 3 cm wide QTZ VEIN - KNOTS ABSENT PROXIMAL TO VEIN	91.7	16145	.001				52.0
	70-80°	84.0	85.5	KP	/	- FOLIATION VARYING FROM 70-80° TO 9A	97.3	16146	.001				61.3
	70-80°	85.5	87.0	KP	QTZ 13	- 8 cm wide QTZ VEIN @ END OF INTERVAL - FOLIATION AS PREVIOUS INTERVAL - TR CHLORITE	96.7	16147	.001				50.7
	70°	87.0	88.5	KP	QTZ 2	- FEWER KNOTS	92.0	16148	.001				74.0
	70°	88.5	90.0	KP	QTZ 1	- QTZ VEINLETS CRESCULATED BY FOLIATION	100	16149	.001				96.0
	70°	90.0	91.5	KP	/	- MINOR QTZ VEINLETS CRESCULATED BY FOLIATION	100	16150	.001				99.0
	70°	91.5	93.0	KP	/	- SAME AS ABOVE	100	16151	.001				100
	80-85°	93.0	94.5	KP/BBP	QTZ 1	- FEW KNOTS - MINOR SILICIFIED ZONES	83.3	16152	.001				48.0
	80°	94.5	96.0	BBP/KP	QTZ 1	- FEW KNOTS TOP OF INTERVAL	96.0	16153	.001				27.3

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TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
						- @ 95.0 m SMALL SHEAR ZONE - @ 94.92-94.98 STRONGLY SILICIFIED SLST - @ 95.8 MINOR SOUGE - QTZ VEINLETS CREPULATED BY SI @ BOTTOM OF INTERVAL							
1% DISS + STRINGER P4	50°	96.0	97.5	KP/BBP	QTZ 1	- FEW KNOTS (~5%) - BANDS OF STRONG SILICIFICATION	94.0	16154	.001				36.0
1-2% P4, TR, PO	50°	97.5	99.0	KP/BBP	QTZ 2	- MINOR KNOTS SOME REPLACED BY QTZ - BANDS OF STRONG SILICIFICATION HAVE PROBABLY OBLITERATED KNOTS - P4 + PO SMEARs ON FRACTURE SURFACES - @ 98.8 GRADES INTO BBP - SILICIFIED	100	16155	.001				88.7
2% P4, TR-1% PO	60°	99.0	100.5	KP/LMST CP	QTZ 10	- @ 99.91-100.0 CALCAREOUS PHYLLITE - @ 100.35-100.5 QTZ VEINING	98.0	16156	.001				57.3
3% P4 + PO		100.5	102.0	KP	QTZ 30	- @ 100.5-101.25 QTZ VEINING - HIGHLY DISTORTED SO?/SI? - FEW KNOTS	100	16157	.001				69.3

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 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 11 of 21

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BL	MAu	Other A	RQD
1-2% PY + PO		102.0	103.5	KP	QTZ 12	- STRONG SILICIFICATION - VERY FAINT FOLIATION, CONTORTED @ BOTTOM OF INTERVAL	94.7	16159	.001				89.3
1% PY + PO	70° SI	103.5	105.0	KP	QTZ 5	- @103.55 QTZ VEIN - @103.79 QTZ VEIN	99.0	16159	.001				90.0
3-5% PY + PO	40° QTZ VEIN	105.0	106.5	KP	QTZ 15	- @105.6, 10 CM WIDE IRREGULAR QTZ VEIN - FOLIATION FAINT	86.7	16160	.001				39.3
TR PY + PO (FRACTURE CONTROLLED & DISS)		106.5	108.0	KP/CS BCP	QTZ 10	- SPARSELY KNOTTED PHYLLITE (50%) WITH INTERBEDDED CS AND BCP - FINE GRAINED CS AND BCP FROM 107.0-107.65 - 5 CM WIDE QTZ VEIN @107.0, REST VEINLETS AND STRINGERS - VERY WEAK TO CONTORTED FOLIATION NEAR VEINS	100	16161	.001				36.7
PO + PY AS DISS & BLEBS	70° SI	108.0	109.5	KP/BBP	QTZ 10	- @108.35-109.0 BANDS OF HEAVY SILICIFICATION AND QTZ VEINS - VEINS AND SILICIFICATION ROUGHLY FOLLOW SI	97.3	16162	.001				63.3

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 PROPERTY FRASER GOLD

 HOLE No. 90-106

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TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME Au	BC	MAu	Other A	ROD
1-2% pyrite	S ₁ 70°	109.5	111.0	Kp/bbg	QTZ 2	- mod to strong silic @ last 30 cm of interval. - sparsely to moderately knotted	96.7	16163	.009				80.0
TR-1% py + PO (FRACTURE - BLEBBY)	S ₁ 60° S ₂ 50°	111.0	112.5	Kp/bbg	QTZ 3	- well knotted - few bands strong silic - broken ground 111-111.7 - faint poorly developed foliation @ 50° (spaced 0.5 cm) (S ₂ ?)	78.7	16164	.002				38.0
TR DISS PY	S ₁	112.5	114.0	KP	QTZ 3	- moderately silicified - narrow QTZ stringers, few vns < 30 cm - S ₁ is pinching earlier QTZ stringers - S ₁ shallows from 60° to 70° with depth	86.7	16165	.001				80.7
TR PY		114.0	115.5	KP	—	- well knotted KP, rare QTZ - poorly developed S ₁	92	16166	.001				71.3
TR SULFIDES	S ₁ 65-70°	115.5	117.0	KP	QTZ 15	- top of folded vein or banding, well knotted veinlet above	98	16167	.001				72.7

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 PROPERTY FRASERGOLD

 HOLE No. 90-106

 SHEET No. 13 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	MAu	Other A	ROD	
						- TR chlorite in veins								
TR PY		117.0	118.5	KP	QTZ 3	- very weak foliation - numerous Qtz stringers freely kinked by S.	100	16118	.001					95.3
		118.5	120.0	KP	QTZ 2	- Same as above with knots sparsely toward end of section	97.3	16119	.001					40.7
1-2% py + po	S ₁ 70°	120.0	121.5	KP	QTZ 3	- Well foliated, larger knots (up to 1cm) - Top 50m well banded by parallel Qtz stringers @ 70-75° C/A (S ₁)	93.3	16170	.001	.006				80.0
1% Py (FRACTURE + Dissem)	S ₁ 70°	121.5	123.0	KP	/	- well foliated	96.0	16171	.001	.004				90.0
3-5% PO + PY		123.0	124.5	KP	QTZ 15	- Qtz veining 123.4-125.1 - chlorite + heavy sericitic alteration assoc. with veins - foliation erratic throughout section	96.7	16172	.001	<.002				76.7
5% PO + PY		124.5	126.0	KP	QTZ 30	SAME AS ABOVE - local intense sericitic alt	96.0	16173	.001	.005				82.0

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 HOLE No. FRASER GOLD

 SHEET No. 14 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	RQD
5% Py + P4 (large irregular kinks in STZ)	70° S ₁	126.0	127.5	KP	QTZ 30	- erratic distribution of knots - 2.2 cm wide STZ vein from 126.12 - 126.43 - PO seen to be replacing cubic py along edges	94.7	16174	.110	.157		75.3
5% PO + py as kinks in veins		127.5	129.0	KP	QTZ 40	- STZ vein swarm, host rock disturbed, irregular foliation - Broken ground @ end of interval - VNS chaotic non-parallel, raggedly edged, pinch & swell - Trace chlorite in STZ	89.3	16175	.001	.004		68
4% PO + P4 (kinked)	70°-75° S ₁	129.0	130.5	KP	QTZ 45	Same as above - less chaotic - 129.4 - 129.81 QTZ vein - veins generally @ 70°-85° c/a	9.8	16176	.006	<.002		92
3% P4 + PO	70° S ₁	130.5	132.0	KP	QTZ 10	131.5 - 132 chaotic STZ veins from 131.8 - 132 c/a ANGLE of VNS changes from 70°-45°	98.7	16177	.001	<.002		88
3-5% P4 + PO	70°-85° S ₁	132.0	133.5	KP	QTZ 2	top of section c/a angle of kinked veinlets is 20° - faint S ₁ + S ₂	94.7	16178	.001	<.002		85.3

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PROPERTY FRASER GOLD

HOLE No. 90-106

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TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL. S_2	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				ROD
		FROM	TO						ME Au	BC	MAu	Other A	
2.5% PO + Py	70-80 40°	133.5	135.0	KP	QTZ 1520	Qtz veined, irregular S_2 overprinted by S_2 (spaced ~1cm)	100	16179	.001	.029			87.3
1% PO	70-50°	135.0	136.5	KP	QTZ 3	well foliated 135-135.27 - still disturbed + Qtz veined - more regular below. - faint S_2	96.7	16180	.001	<.002			74
TR Py + PO	70°	136.5	138.0	KP	QTZ 3	- minor local silicification	100	16181	.006	.004			103
TR PO + Py		138.0	139.5	KP	QTZ 1	- variable host concentration + sizes - strongly silicified - 2-fold	90	16182	.001	<.002			62
3% PO + Py	85-50°	139.5	141.0	KP/HP	QTZ 22	LOCAL STRONG SILICIFICATION - QTZ VEIN ZONE 140.35 - 140.85 - local S_2 (fine rather than coarse) - Chlorite in Qtz veins	91.3	16183	.001				85.3
1-3% Py + PO (PO + Py near vein Py only in KP)	80-50°	141.0	142.5	KP	QTZ 5	141.75-141.92 Qtz vein swarm (< 3cm ea)	100	16184	.001				96.7

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 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 16 of 21

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME Au	BC	MAu	Other A	ROD
1% PO, PY	60°	S ₁	142.5	144.0	KP/bbp	- minor bands strong silicific	100	16185	.001				100
TR PO, PY	65-70°	S ₁	144.0	145.5	KP QTZ 2	- lots of lignite STZ vns parallel to S ₁ - 144.4 - tension gashes in 0.50m shear that parallels S ₁	97.3	16186	.001				80
TR - 1% PY, PO	50°	S ₂	145.5	147.0	KP QTZ 10-15	- STZ stringers throughout section, some veins + stringers highly kinked by pervasive foliation (S ₂)	100	16187	.006				100
TR PY, PO	70°	S ₁	147.0	148.5	bbp / KP QTZ 2	- Minor strong silicification - well foliated and most of interval - tension gashes @ 147.6. Shear is parallel to S ₁ - sparse porphyroblasts, up to 1cm in size - Ti chlorite in Qtz veins	97.3	16188	.001				76
TR PY, PO	50°	S ₁	148.5	150.0	KP / bbp QTZ 1	SAME AS ABOVE with more plentiful porphyroblasts - local tension gashes, shears @ 80° (S ₁ ?)	98	16189	.001				98

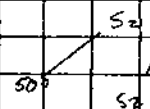
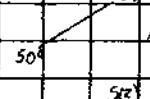
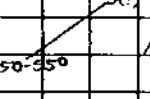
NOTE: tension gashes roughly parallel S₂

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-106

SHEET No. 17 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAU	Other A
TR PO		150.0	151.5	KP.	QTZ 15	150.5-151.5 Qtz vns + stringers - minor silicified bands - foliation locally distorted around Qtz veins - veins @ 40-80° to c/a.	90.7	16190	.001	<.002			63.3
2-3% PO, TR Py		151.5	153.0	KP	QTZ 30	- foliation contorted from 151.8 to end of section veins 2-9 cm wide	100	16191	.001	<.002			95.3
3% PO, TR Py		153.0	154.5	KP	QTZ 25	- Wide folds parallel c/a - Sm stringers Qtz vns ≤ 12 cm	95.3	16192	.001	<.002			87.3
3-5% PO + Py		154.5	156.0	KP.	QTZ 23	- S1 lightly variable again in wide folds parallel to c/a	100	16193	.001	<.002			90
3-5% PO + Py		156.0	157.5	KP	QTZ 30	- Undulating foliation (Kinley) - Qtz veins ≤ 10 cm	93.3	16194	.001	<.002			82.7
1-2% PO, TR Py		157.5	159.0	KP.	QTZ 7	S1 in wide (40+cm) open folds paralleling c/a - 158.1-159.1 looks like a large shallow "M" folds	100	16195	.001	<.002			83.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 18 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RPD
3% PO + PY	50° 70° SI 52	159.0	160.5	KP	QTZ 20	- KNOTS RARE NEAR QTZ VEINS (≈ 6 cm) - LOCALLY S2 CREVULATING SI	100	16196	.001	1.002			73.3
TR-1% PO + PY	15° SI	160.5	162.0	KP/BBP	—	- LOCALLY STRONGLY SILICIFIED BANDS - SI VARYING, FOLDED PARALLEL TO QA	100	16197	.001				98.0
TR-1% PO + PY	50° 70° SI 52	162.0	163.5	KP	—	- UNDULATING FRACTURES PARALLEL TO QA	96.0	16198	.001				39.3
3% PO + PY		163.5	165.0	KP/GP	QTZ 10	- STRONG SILICIFICATION LOCALLY - SI VARYING FROM 0°-90° AND HIGHLY CONTORTED IN PLACES	92.0	16199	.001				86.7
2-3% PO, TR PY	70° SI	165.0	166.5	BBP/GP	QTZ 20	- PRIMARILY BBP WITH KNOTS PRESENT LOCALLY - QTZ VEINS, ROLLS, BOLDINS ≤ 10 CM WIDE - PO SMEARS ON FRACTURE SURFACES, BLEBS IN QTZ VEINS, STRINGERS FOLLOWING SI	92.0	16200	.001				70.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-106

 SHEET No. 19 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	OC	Au	MAu	Other A
1-2% PO & PY	55 SI	166.5	168.0	KP/GP	QTZ 1	- INTERBEDDED KP AND GP - PORPHYROBLASTS BEING REPLACED BY PO - NUMEROUS QTE STRINGERS ≤ 2 mm WIDE - 2 cm WIDE VEIN	96.7	16201	.001				68.7
3% PY & PO AS STRINGERS & BLENDS	50-60 SI	168.0	169.5	KP/GP	QTZ 10	- LITHOLOGY SAME AS ABOVE - BANDS, ≤ 4 cm WIDE, OF STRONG SILICIFICATION - TENSION CRACKS @ 169.3, 50° TO CIA - KNOTS ELONGATED PARALLEL TO SI	94.7	16202	.001				83.3
3% PO & PY AS STRINGERS	70 SI?	169.5	171.0	GP	QTZ 9	- 169.65 QTE VEIN ≤ 12 cm WIDE - SI VERY FAINT - STRINGERS OF PY & PO @ 70° TO CIA FORMING FOLIATION	95.3	16203	.001				58.7
1-3% PO & PY AS STRINGERS & BLENDS	60-70 BANDS OF SILICIFICATION	171.0	172.5	GP	QTZ 1	- LOCALLY BANDS OF STRONG SILICIFICATION, ≤ 6 cm WIDE, @ 60-70° TO CIA	91.3	16204	.001				60.0

DIAMOND DRILL RECORD

* NOTE: PIECE OF PbS MISSING, LAST 22CM OF BOX, RQD & RECOVERY APPROXIMATE

PROPERTY FRASER GOLD

HOLE No. 90-106

SHEET No. 20 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	AC	MAU	Other A	RQD
3-5% ^(PO+PY) SULPHIDES AS STRINGERS + BLEBS	50° BANDING	172.5	174.0	gp/bp	QTZ 15	- BLACK BANDED PHYLITE WITH INTERBEDDED KNOTTED PHYLITE - 172.5-172.8 KNOTTED PHYLITE WITH COARSE KNOTS - 173.25 KNOTS BEING ISOMORPHIC BY PD - 3 QTZ VEINS EACH ≤ 9 CM - BANDING VARYING FROM 50°-180° TO CIA	95.3	16205	.001				95.3
1-3% PO+PY AS STRINGERS	150° BANDING + SULPHIDE STRINGERS	174.0	175.5	gp	/	- FOLDING SAME AS ABOVE - MODERATE TO STRONG SILICIFICATION THROUGHOUT - LOCALLY BANDS OF STRONG SILICIFICATION ≤ 4 CM - SULPHIDE STRINGERS 45-50° TO CIA	84.3	16206	.001				84.7
3-5% PO+PY AS STRINGERS + BLEBS	80° QTZ VEINS	175.5	177.0	gp/bp	QTZ 20	- STRONGLY SILICIFIED - 175.98-177.0 KNOTTED PHYLITE - 176.2-177.0 QTZ VEINING ≤ 11 CM - QTZ VEINS $\sim 80^\circ$ TO CIA	82.7	16207	.001				61.3 *

DIAMOND DRILL RECORD

20547

Part 2
of 2

PROPERTY FRASER GOLD

HOLE No. 90-107

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
166m	-17°	045°
210m	-47.5°	045°

Hole Size HR
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 224.9 m
 % Recovery.....
 Elev. Collar 1514.9 m
 Latitude -105.016
 Departure 4821.891

Sheet No 1 of 27
 Logged by M. SMITHEN
 Date Begun JULY 9, 1990
 Date Finished JULY 11, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		TO	FROM						M.E.	BC	MAu	Other A	Other B	
		0	21.3	OVB		- LIMONITIC RUBBLE WITH BROKEN QTZ								
	45° 50° 52°	21.3	22.5	GP	/	- BROKEN, RUBBLY CORE - STRONG SILICIFICATION - TR VUGGY ALONG MINOR QZ VEIN - LIMONITIC WEATHERING OF KNOTS	23.3	16209	.001					20.0
	60° 51°	22.5	24.0	GP/KP	/	- STRONG SILICIFICATION TOP HALF OF INTERVAL - BROKEN CORE - FAINT FOLIATION - TR VUGGY, LIMONITIC WEATHERING	82.7	16210	.001					20.7
TR PY LUBES	60° 52?	24.0	25.5	KP/BBP	/	- LIMONITIC WEATHERING LOCALLY - FOLIATION FAINT - OVERPRINTED? - TR VUGGY	100	16211	.001					52.0
TR PY LUBES & PO	50° 52	25.5	27.0	KP/BBP	QTZ 1	- SAME AS ABOVE - MINOR QZ VEINS ≤ 1 cm WIDE	80.0	16212	.001					16.7
	60-70° BANDING	27.0	28.5	KP/BBP	QTZ B	- BROKEN, RUBBLY CORE WITH GOUGE LOCALLY FROM 27.6 - 28.4 - LIMONITIC WEATHERING - 12 cm WIDE VUGGY QZ VEIN - BANDING @ 60-70° TO CIA	16.7	16213	.016	1.002				6.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 2 of 27

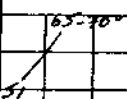
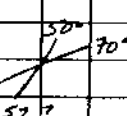
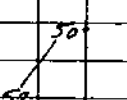
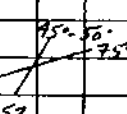
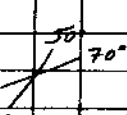
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
	50° 51	28.5	30.0	KP/BBP	QTZ 25	- BROKEN CORE - LIMONITIC WEATHERING - @ 20.0, 17 CM WIDE QTZ VEIN - QTZ VEINS VUGGY - MINOR BANDS OF STRONG SILICIFICATION ± 2 CM WIDE @ 70° TO CIA	72.0	16214	.001	<.002			27.3
TR P4+P0	60-65° 51	30.0	31.5	KP/BBP	QTZ 15	- BROKEN CORE WITH LIMONITIC WEATHERING LOCALLY - SILICIFIED BANDS ± 6 CM WIDE - QTZ VEINS ± 8 CM WIDE VUGGY	85.3	16215	.001	.003			15.3
1-2% PO MAINLY AS BLEBS IN QTZ VEINS, TR P4	50-60° 51	31.5	33.0	KP/BBP	QTZ 23	- QTZ VEINING, ± 6 CM WIDE, OVER INTERVAL	93.3	16216	.001	<.002			35.3
TR DISS P4, TR P0	60° 51	33.0	34.5	KP/BBP	QTZ 12	- QTZ VEINING ± 4 CM WIDE; VUGGY AND TR CALDERITIC - LOCALLY LIMONITIC - STRONGLY SILICIFIED 14 CM WIDE BAND @ 75° TO CIA — GHOSTS OF MICROKNOTS REMAINING	96.6	16217	.001	<.002			40.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 3 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FR ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
TR PO + PY ALONG RIMS OF KNOTS	51 	34.5	36.0	KP/BBP	/	- LIMONITIC FRACTURE SURFACES - VERY MINOR GOUGE @ BOTTOM OF INTERVAL - FOLIATION FAINT	80.6	16210	.001				42.6
TR PO + PY AS ABOVE & DISS PY	51 52? 	36.0	37.5	KP/BBP	/	- LOCALLY LIMONITIC - MINOR BANDING, ± 4 CM WIDE, WITH PO + PY - BANDS @ 80° TO CIA AND APPEAR TO BE COMPOSED OF ALIGNED MICRO PORPHYROBLASTS	90.6	16219	.001				63.3
TR PO + PY	52 	37.5	39.0	KP/BBP	/	- SAME AS ABOVE	91.0	16220	.001				60.0
TR PY BANDING	52 	39.0	40.5	KP/BBP	/	- MODERATE SILICIFICATION - BROKEN, RUBBLY CORE - TR VUGGY - BANDING @ 75-90° TO CIA - @ 39.59 - 39.70 SLST	84.7	16221	.002				14.0
TR-1% DISS & STRINGER PY	51 52 	40.5	42.0	KP/BBP	RTZ 1	- QTZ VENULETS @ 90° TO CIA	92.0	16222	.001				15.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 4 of 27

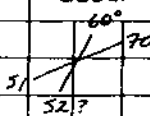
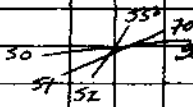
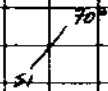
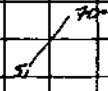
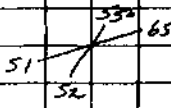
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au		MAu	Other A	ROD
TR PY	65-70° 51	42.0	43.5	KP/BAP	/	- WELL KNOTTED	92.7	16223	.001				90.0
TR PY	60° 51 52	43.5	45.0	KP	QTZ 0	- BANDING LOCALLY @ 70° TO 4A - @ 44.5, 11 CM WIDE QTZ VEIN WITH TR INHIBITE, TR VUGS - BAND OF STRONG SILICIFICATION	80.6	16224	.001				62.7
TR P0+PY	70° 51	45.0	46.5	KP	QTZ 1	- 2 CM WIDE QTZ VEIN WITH TR VUGS	92.0	16225	.001				86.0
TR PY	70° 51	46.5	48.0	KP	QTZ 1	- WELL KNOTTED	96.0	16226	.001				88.7
TR PY	70° 51	48.0	49.5	KP	/	- WELL KNOTTED	97.3	16227	.001				88.0
TR PY	60° 51 52?	49.5	51.0	KP	/	- WELL KNOTTED - MINOR BANDING OF MICRO PORPHYROBLASTS, 80-85° TO 4A	100	16228	.001				100
TR PY	60° 51 52?	51.0	52.5	KP	/	- LOCALLY LIMONITIC PROXIMAL TO FRACTURE SURFACES - STRINGERS CRENNULATED AND KINKED	99.3	16229	.001				79.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 5 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au		MAu	Other A	Rgd
TR PY + PO		52.5	54.0	KP	/	- WELL KNOTTED	100	16230	.001				100
TR SULPHIDES		54.0	55.5	KP	QTZ 2	- WELL KNOTTED - ≤ 4 CM WIDE BANDS OF MODERATE SILICIFICATION - MINOR BANDS OF MICRO PORPHYROBLASTS, THAT APPEAR TO BE CUT BY S1, @ 90° TO CIA	100	16231	.001				92.7
TR PY		55.5	57.0	KP	/	- WELL KNOTTED - MINOR BANDS OF MICRO PORPHYROBLASTS @ 85° TO CIA	87.3	16232	.001				87.3
TR PY		57.0	58.5	KP	/	- SAME AS ABOVE	92.7	16233	.001				90.6
TR PY + PO		58.5	60.0	KP	QTZ 13	- BROKEN, RUBBLY CORE WITH LIMONITIC FRACTURES LOCALLY - @ 59.05, 7 CM WIDE QTZ VEIN - @ 59.35, 10 CM WIDE QTZ VEIN @ 50° TO CIA	76.7	16234	.001				28.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 6 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RDD
TR-2% P ₁ & P ₀ AS DISS & BLEBS	51 / 60°	60.0	61.5	KP	QZ 15	- @ 60.58-60.9 SWARM OF QZ VEINS ≤ 12 CM WIDE WITH 1-2% CHLORITE AND SULPHIDES	95.3	16235	.001				83.3
TR P ₄	51 / 70°	61.5	63.0	KP	/	- WELL KNOTTED - BANDS OF MICRO PORPHYROBLASTS ≤ 1.5 CM WIDE - RANDOMLY ORIENTED BANDS, ≤ 0.5 CM WIDE, OF MODERATE SILICIFICATION	100	16236	.001				76.7
TR DISS P ₄	51 / 52 / 70°	63.0	64.5	KP	/	- SAME AS ABOVE EXCEPT BANDS OF SILICIFICATION ≤ 2 CM WIDE	100	16237	.001				96.7
TR P ₄	51 / 70°	64.5	66.0	KP	/	- WELL KNOTTED - SAME AS ABOVE BUT LESS BANDING	96.0	16238	.001				92.7
TR P ₄	51 / 65°	66.0	67.5	KP	/	- WELL KNOTTED	98.7	16239	.001				92.7
1-3% P ₀ & P ₄ INFILLING FRACTURES PROXIMAL TO QZ VEINS	51 / 70°	67.5	69.0	KP	QZ 20	- QZ VEINING ≤ 15 CM WIDE WITH DOLOMITE CLOTS, TR CHLORITE, TR VIBS - FEW KNOTS PROXIMAL TO VEINS	96.7	16240	.011	.011			81.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 7 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FR ME OC		MAU	Other A	ROD
									Au				
						- SERICITE COATING FRACTURES SURFACES OF VEINS - FOLIATION ABSENT NEAR VEINS							
2-3% PY ALONG FRACTURES & VEINS, TR. PO		69.0	70.5	KP	QTZ 20	- QTZ VEINS, ROLLS OVER INTERVAL SAME AS ABOVE - SI FAINT TO ABSENT	96.7	16241	.001	.004			73.3
2-3% PY & PO AS STRINGERS & BLEDGES	50° 75° 52?	70.5	72.0	KP	QTZ 20	- SAME AS ABOVE - SI FAINT	90.7	16242	.001	5.002			63.3
2-3% PY & PO AS STRINGERS & BLEDGES	50° 52	72.0	73.5	KP	QTZ 25	- SAME AS ABOVE - @ 72.2-73.1 QTZ VEINING - SULPHIDES REPLACING PORPHYROBLASTS	97.3	16243	.001	.003			77.3
YG, 1% DISS PY, TR PO	50° 51	73.5	75.0	KP	QTZ 25	- WELL-KNIGHTED - @ 74.8-75.0 QTZ VEINS ± 1 CM WIDE @ ~65° TO CIA - @ 74-95 YG ALONG DOLOMITE CLOT IN QTZ VEIN	80.0	16244	.030	.073			76.7

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 8 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA		MAU	Other A	RQD
								Au	BC				
2-3% P4 + P0 NEAR OR IN QTZ VEINS	50	75.0	76.5	KP	QTZ 30	- @ 75.0-76.0 QTZ VEINS, WITH TR CHLORITE, TR VULS, RANDOMLY ORIENTED - @ 75.2, 28 CM WIDE QTZ VEIN - FOLIATION AND KNOTS FAINT OR ABSENT NEAR VEINS - @ 76.0-76.5 BROKEN, RUBBLY CORE WITH MINOR GOUGE - FINE BANDING @ 75° TO CIA, NEAR BOTTOM OF INTERVAL - FOLIATION FAINT	100	16245	.001	.003			66.0
TR-1% P4 + P0	51	76.5	78.0	KP	QTZ 5	- WELL KNOTTED - @ 77.7-78.0 QTZ VEINING WITH DOLOMITE CLOTS, TR CHLORITE	100	16246	.001	.002			70.0
TR-1% P4 + P0	51	78.0	79.5	KP	QTZ 35	- SWARMS OF QTZ VEINS, ROLLS, BOULDERING, ± 7 CM WIDE OVER INTERVAL, WITH DOLOMITE CLOTS AND TR CHLORITE - @ 79.7, 72 CM WIDE QTZ VEIN	96.7	16247	.001	.009			69.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 9 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FR ME	BC	MAu	Other A	RRD
TR-3% P4+P0	51 / 70°	79.5	81.0	KP	QTZ 25	- SAME AS ABOVE - QTZ VEINS = 8 CM WIDE WITH CARBONATE COATING AND VEGG - FOLIATION FRINT	94.7	16246	.001	2.000			80.7
TR P4+P0		81.0	82.5	KP/BBP	QTZ 7	- WELL KNOTTED - @ 81.0-81.32 QTZ VEINING ≤ 3 CM WIDE - FOLIATION FRINT	100	16249	.001				82.0
TR-1% STRIKER P4	51 / 52 / 35° / 70°	82.5	84.0	KP/BBP	QTZ 4	- QTZ VEINS ≤ 3 CM WIDE - KNOTTED OVER INTERVAL - @ 82.8-85.0 MORE BANDED THAN KNOTTED - BANDS ARE STRONGLY SILICIFIED AND ≤ 2 CM WIDE @ 65-85° TO CIA	100	16250	.001				72.0
TR-1% P4+P0	51 / 70°	84.0	85.5	KP/BBP	QTZ 9	- @ 84.5-84.7 QTZ VEINING WITH DOLOMITE CLOTS, TR CHLORITE - STRONGLY SILICIFIED BANDS ≤ 5 CM WIDE @ 50-75° TO CIA	90.0	16251	.001				20.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

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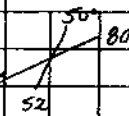
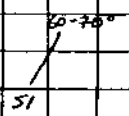
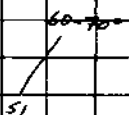
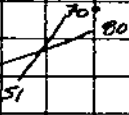
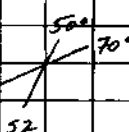
TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RQD	
						- BROKEN, RUBBLY CORE WITH MINOR GULGE								
TR P4 + P0	51 / 70°	85.5	87.0	KP/BBP	QTZ 1	- SAME AS ABOVE - SILICIFIED BANDS ≈ 9 CM WIDE - P4 + P0 REPLACING PORPHYROBLASTS	90.7	16252.001						36.7
TR P4 + P0	51 / 50° / 65° / 52?	87.0	88.5	KP/BBP	/	- MODERATE TO STRONG SILICIFICATION OVER MOST OF INTERVAL - BANDING @ 75° TO 4A	88.0	16253.001						68.7
TR P4	51 / 70°	88.5	90.0	KP/BBP	/	- SAME AS ABOVE - BROKEN CORE	86.0	16254.002						36.0
TR P4 + P0	51 / 70°	90.0	91.5	KP/BBP	/	- MINOR SILICIFIED BANDS ≈ 3 CM WIDE - BANDS AND QTZ STRINGERS LOCALLY FOLDED AND KINKED	97.3	16255.001						66.0
TR P4 + P0	51 / 55° / 70° / 52	91.5	93.0	KP/BBP	QTZ 6	- SAME AS ABOVE - @ 92.26 - 92.9 QTZ VEINING ≈ 3 CM WIDE - P4 + P0 REPLACING PORPHYROBLASTS	96.7	16256.001						62.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

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TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	AG	MAU	Other A
TR-1% DISS PY BANDS		93.0	94.5	KP/BBP		- LOCALLY BANDS AND LENSES OF STRODS SILICIFICATION	100	16257.001				82.7
TR PY + PO		94.5	96.0	KP/BBP	QTZ 1	- SILICIFIED BANDS AND LENSES, ± 2 cm WIDE, OVER INTERVAL - BANDS APPEAR TO HAVE BEEN CREMULATED BY S1	96.0	16258.001				93.0
TR PY		96.0	97.5	KP/BBP		- SAME AS ABOVE - FINE BANDS OF PORPHYROBLASTS	98.0	16259.001				98.0
TR DISS PY BANDS		97.5	99.0	KP/BBP	QTZ 2	- SAME AS ABOVE BUT SILICIFICATION ENDS @ 98.4 - MINOR DISTORTED QTZ VEINS	98.7	16260.001				98.7
TR DISS PY		99.0	100.5	KP	QTZ 4	- @ 99.4, 8 cm WIDE QTZ VEIN WITH SERICITE ALONG FRACTURE SURFACE AND TR VUGS - CLOSELY SPACED CREMULATIONS THAT APPEAR TO FOLD AROUND C/A	100	16261.001				92.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 12 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA Au	BC	MAu	Other A	RQD
TR P4	60-70° S1	100.5	102.0	KP	QTE 2	- SAME AS ABOVE - LOCALLY SILICIFIED CLASTS ≤ 3 cm WIDE - FOLIATION WEAK	96.0	16262	.001				96.0
TR DISS P4 CUBES, TR P0	50° S2	102.0	103.5	KP	/	- SILICIFIED BANDS LOCALLY - STRINGERS AND VEINLETS CRENULATED BY S1 (?) - FOLIATION WEAK	100	16263	.001				100
1/2 P4, TR P0		103.5	105.0	CP/KP	QTE 6	- INTERBEDDED CP AND KP - @ 103.5-103.7 CP WITH CALCAREOUS BANDS @ 40° TO 5/8 - FOLIATION VERY FAINT WHEN PRESENT	98.7	16264	.001				99.7
TR P4 CUBES	60° S1	105.0	106.5	CP/KP	QTE 1	- BROKEN CORE - INTERBEDDED CP AND KP - CARBONATE BANDS ≤ 2 cm WIDE - LOCALLY BANDS OF STRONG SILICIFICATION	86.7	16265	.001				35.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 13 of 27

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	MAU	Other A	ROD
TR-1% PY & PO	70° 51	106.5	108.0	CS	QTZ 13	QTZ VEINING WITH CARBONATE ≤ 7 cm WIDE - STRONGLY SILICIFIED	99.3	16266	.001				92.7
TR-1% PY & PO AS STRINGERS AND CUBES	70° 51	108.0	109.5	KP/BBP	QTZ 5	QTZ VEINING ≤ 4 cm WIDE - LOCALLY SILICIFIED BANDS ≤ 4 cm WIDE	94.7	16267	.001				69.3
TR PO & PY	60° 51	109.5	111.0	KP/BBP	QTZ 13	@ 110.47 - 111.0 ZONE OF QTZ VEINING ≤ 13 cm WIDE	100	16268	.001				100
TA-2% PY & PO	70° 51	111.0	112.5	KP/BBP	QTZ 35	@ 112.3 - 112.73, 43 cm WIDE QTZ VEIN - VEINING, OVER INTERNAL, WITH SERICITE, TR CILLOPITE, MUGS	96.0	16269	.001				81.3
TR-1% PY & PO		112.5	114.0	KP/BBP	QTZ 25	QTZ VEINING AS ABOVE - SI FRUIT - LOCALIZED BANDING @ 75° TO 90°	100	16270	.001				72.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 14 of 20

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AL	MAU	Other A	ROD
1% DISS & STRINGER PY, TR PO	70° 51 BANDS	114.0	115.5	KP/BBP	QZ 14	- BROKEN CORE - SILICIFIED BANDS ± 2 cm WIDE - QZ VEINS FROM 115.2-115.5m	94.7	16271	.001				28.0
1% PY & PO	45° 50 51	115.5	117.0	KP/BBP	QZ 3	- 20 cm WIDE RED CS @ 116.6m	98.7	16272	.001				61.3
TR PY & PO	50° 52 (AXIAL PLANE)	117.0	118.5	KP/BBP	QZ 8	- @ 117.6 m PARTIAL FOLD OF SILICIFIED BANDS; TENSION GASSES BELOW - QZ VEINING ± 10 cm WIDE	98.0	16273	.001				63.3
TR DISS & STRINGER PY	50° 70° BANDS 51?	118.5	120.0	KP/BBP	QZ 1	- SILICIFIED BANDS ± 5 mm WIDE	98.7	16274	.001				76.0
TR DISS PY	60° 65° 51? BANDS	120.0	121.5	KP/BBP	QZ 1	- AS ABOVE BUT BANDING LESS PREVALENT	100	16275	.001				77.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 15 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
TR DISS PY + TR PO ALONG VEINS	50° 70° 51 BANDS 52	121.5	123.0	KP/BBP	QTZ 6	- SILICIFIED BANDS ≤ 1 cm WIDE - @ 122.8 - 123.0 QTZ VEINS ≤ 5 cm WIDE WITH CHLORITE	96.7	16276	.001				90.7
TR DISS PY	70° 51, BANDS	123.0	124.5	KP/BBP	/	- BANDING AS ABOVE - TENSION GASHES ≤ 1.5 cm WIDE	95.3	16277	.001				94.0
1/2 DISS + STRINGER PY	50° 55- 70° BANDS 52	124.5	126.0	KP/BBP	/	- FINE BANDING	100	16278	.001				100
TR DISS PY	50° 55- 70° BANDS 52	126.0	127.5	KP/BBP	QTZ 1	- SILICIFIED BANDS ≤ 2 cm WIDE	93.3	16279	.001				88.0
TR DISS PY	45-70° BANDS	127.5	129.0	KP/BBP	/	- SILICIFIED BANDS ≤ 5 cm WIDE - FEW STRINGERS	99.3	16280	.001				78.0
TR DISS PY + TR PO BLENDS	50° 70-75° BANDS 52	129.0	130.5	KP/BBP	/	- FINE BANDING OF STRINGERS - ≤ 5 cm WIDE SILICIFIED BANDS AND LENSES	100	16281	.001				74.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 16 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RDD
1/2 DISS. BLEBS, & STRINGER PY + PO	70° S1	130.5	132.0	BCP/CS	QTZ 1	- BROKEN, RUBBLY CORE - 5.6 CM WIDE SILICIFIED BANDS WITH TR VUGS AND PO AND PY SMears ON FRACTURE SURFACES - LAST 7 CM OF INTERVAL CS	86.7	16282	.001				24.0
1/2 PY + PO		132.0	133.5	BCP/CS	QTZ 3	- FEW KNOTS - PALE GRAY SILICIFIED BANDS AND LENSES, OFTEN DISTORTED, COMPRISE MOST OF INTERVAL - @ 132.63-132.8 BED OF CALCAREOUS SLST - BROKEN, RUBBLY CORE	47.3	16283	.001				22.7
TR PY + PO	50° 70° S1, BANDS S2	133.5	135.0	BCP		- FEW KNOTS - LOCALLY SILICIFIED BANDS @ 70° TO 4A - BROKEN, RUBBLY CORE WITH TR GOUGE	90.7	16284	.001				18.0
TR PY + PO	65-70° S1	135.0	136.5	KP/SLST	QTZ 6	- SAME AS ABOVE BUT GOUGE ABSENT - QTZ VEINING, PREDOMINANTLY DISTORTED	96.0	16285	.001	<.002			38.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 17 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL. #50	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						Au	ME	Ag	MAu	Other A	RGD
1-2% P ₀ +P ₄	51 52	70°	136.5	138.0	BBP	QTZ 6	- LOCALLY SILICIFIED BANDS WITH BLEBS AND CUBES OF P ₄ +P ₀ - QTZ VEINS AND STRINGERS ≤ 6 cm WIDE WITH TR CHLORITE	97.3	16286	.001	<.002			71.3
TR-1% P ₄ +P ₀	52	50°	138.0	139.5	BBP	QTZ 3	- SAME AS ABOVE - FEW KNOTS	90.0	16287	.001	<.002			38.7
1% P ₄ +P ₀ MAINLY AS STRINGERS	51 52	70°	139.5	141.0	BBP	QTZ 3	- STRONG SILICIFICATION LOCALLY	100	16288	.001	<.002			76.7
≤ 2% P ₄ +P ₀	51	85°	141.0	142.5	BBP/KP	QTZ 5	- QTZ VEINING OVER INTERVAL	93.0	16289	.001	<.002			17.3
TR-1% P ₄ +P ₀	51	70°	142.5	144.0	BBP/KP	—	- SILICIFIED BANDS ≤ 3 cm WIDE	100	16290	.001	<.002			70.7
TR MASS + STRINGER P ₄	51	65°	144.0	145.5	BBP/KP	—	- WELL KNOTTED	96.0	16291	.001	<.002			72.0
TR P ₄ +P ₀	50	80-85°	145.5	147.0	BBP/KP/ CP	—	- @ 146.3-146.4 CP - FOLIATION FAINT	99.3	16292	.069	<.002			80.7
TR-1% P ₄ +P ₀	51	65°	147.0	148.5	BBP/KP/ SIST	QTZ 5	- QTZ VEINLETS AND STRINGERS FOLDED AND/OR KINKED	91.3	16293	.080	<.002			67.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 18 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			ROD
		FROM	TO						Au	MAu	Other A	
2% py + po	60°	148.5	150.0	bbp/Kp	QTZ 2	- Large knots (up to 1cm) - S ₁ contorted; faint, sporadic - narrow zone kinked QTZ stringers (≤ 1cm wide) parallels core axis in top 50cm section	100	16294	.002	<.002		94.7
2-3% po + py		150.0	151.5	bbp/Kp	QTZ 1	- S ₁ erratic & contorted, after weaning along c.A - S ₂ unclear, possibly irregular	94.7	16295	.010	<.002		38.0
3-5% py + po	60°	151.5	153.0	bbp/Kp	QTZ 17	- Minor bands silicification locally enradicate knots - 152.24 - 1.51m zone of extension gashes @ 60° c/A, - 152.30 - 153.0 - QTZ vein swarm most veins 75-80° c.A. (2-8cm wide) - minor Carbonate in QTZ vns	100	16296	.001	.008		67.3
2-3% py + po		153.0	154.5	bbp/Kp	QTZ 50	- QTZ vein swarm cont'd to 154.25 153.9-154 QTZ Bx with phylite clasts 154.05-154.25 - 20cm QTZ vein - Tr chlorite + iron in Carbonate in QTZ veins - S ₁ + S ₂ irregular (possible S ₂ from 30° - 70°)	97.3	16297	.001	.003		66.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 19 of 27

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS					
		FROM	TO						Au	Ag	MAu	Other A	RRD	
1% Po + Py	52 50°	154.5	156.0	BGP/KP	QTZ 15	- @ 154.5-155.4 STRINGERS AND VEINLETS ≤ 2cm WIDE - @ 155.4-156.0 QTZ VEINS ≤ 10 cm WIDE	92.0	16298	.001	<.002				63.3
2% Po + Py		156.0	157.5	BGP/KP	QTZ 20	- VEIN SWARM ENDS @ 156.8 - QTZ VEINING ≤ 18cm WIDE - TENSION GASHES @ 70° TO 4/A - VERY FINE PO REPLACING KNOTS	87.3	16299	.001	<.002				60.7
3-5% Po + Py		157.5	159.0	BGP/KP	QTZ 10	- ZONE OF PERSISTIVE QTZ STRINGERS AND SILICIFIED ZONES - QTZ VEINS & LENSES ≤ 7cm WIDE - STRINGERS SHIFT FROM 70° TO 4/A @ TOP OF INTERVAL TO 40° TO 4/A @ BOTTOM (ASSUMED S1)	100	16300	.001	.003				80.7
2% Po + Py (IN HIGH LOCAL CONCENTRATIONS)		159.0	160.3	BGP/KP	QTZ 75	- THREE LARGE QTZ VEINS @ 159.0-159.18 (18cm) @ 159.37-159.52 (15cm) @ 159.55-160.3 (75cm)	93.0	16301	.103	.007				77.8

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-107

SHEET No. 20 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
1-2% py + po	65° / S ₁	160.3	162.0	bbp/kp	QTZ 5	- banded segregations of dense, smaller knots @ 160.4-160.6 (N 75° CA) - 163.14-162.35 narrow of QTZ VRS ≤ 2cm	100	16302	.055	.011			88.8
1% PO + py	70° / S ₁ 50°	162.0	163.5	bbp/kp	QTZ 15	162.55-163.3 zone of veinlets + stringers ≤ 5cm - possible faint S ₁ + S ₂	100	16303	.001	<.002			86.7
1% PO + py	70° / S ₁ S ₂ 20°	163.5	165.0	bbp/kp	QTZ 7	Few QTZ vms, all ≤ 5cm S ₁ more consistent, faint S ₂		16304	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 21 of 27

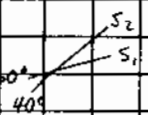
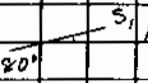
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						Au	ME	BC	MAu	Other A	RD
TR-3% PO + PY		165.0	166.5	BBP/KP	QTZ 13	- IRREGULAR QTZ VEINS \leq 5cm WIDE	97.3	16305	.001	<.002				76.7
TR PY + PO	70° SI	166.5	168.0	BBP/KP	QTZ 15	- @ 167.0-167.2, 20cm QTZ VEIN - BROKEN, RUBBLY CORE	99.7	16306	.001	<.002				20.7
1/2% PY TR PO	55° SI	168.0	169.5	BBP/KP	/		99.3	16307	.001					85.3
TR PY + PO	52° BANDING	169.5	171.0	BBP/KP	/	- FINE BANDING - LOCALLY BANDS OF MICRO PORPHYROBLASTS	99.3	16308	.001					45.3
1-2% PY + PO AS STRINGERS + BLENDS	60-75° QTZ VEINLETS	171.0	172.5	BBP/KP	QTZ 3	- QTZ STRINGERS AND VEINLETS OVER INTERVAL - SILICIFIED BANDS \leq 3cm WIDE - FOLIATION FAINT - PO SMears ON FRACTURE SURFACES	98.0	16309	.001					69.3
2-3% PY + PO AS STRINGERS + BLENDS		172.5	174.0	BBP/KP	QTZ 15	- @ 172.5-173.2 QTZ VEINS \leq 7cm WIDE WITH TR UUGS - FOLIATION FAINT AND DISTORTED	97.3	16310	.001					81.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 22 of 27

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
3% po + py - trace chlorite		174.0	175.5	bbp/bcp	QTZ 10	- local silicification - rare linets - chaotic S ₁ - 174.7-175.5 pervasively Qtz stringers + veinlets ≤ 15mm.	94.0	16311	.001				68.0
1-2% po + py		175.5	177.0	bbp/bcp	QTZ 10	Stringers + vns as above over most of interval (one 3cm vein)	98.7	16312	.001				96.7
2.5% po + py		177.0	178.5	bbp/bcp	QTZ 25	- main stringers 177-177.8 177.8-178.5 Qtz veins ≤ 15cm + stringers with local heavy gra sericitic alteration + to chlorite	98.0	16313	.001				85.3
3-4% po + py		178.5	180.0	bbp/bcp	QTZ 10	- large well-formed knot at top of section become "smeared out" at bottom (angle of "smeared" banding 60° @ centre section + flattens to 85° @ bottom)	94.7	16314	.001				84.0
3% py + po (fracture controlled)		180.0	181.5	bbp/KP	QTZ 10	180.33-180.38 closely spaced vns 3-6 cm wide	96.7	16315	.001				92.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 23 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RAD
3% P ₄ + P ₂ O		181.5	183.0	BBP/KP	QTZ B	- @ 182.5-182.8 QTZ VEINS ≤ 2 cm WIDE AND 8 cm WIDE ZONE OF SILICA FLOODING - FLATTENED KNOTS	96.7	16316	.002				71.3
2-4% P ₄ + P ₂ O		183.0	184.5	BCP/BBP	QTZ 10	- S1 QUITE CONTORTED - S2 FAINT	100	16317	.001				80.7
2-3% P ₄ + P ₂ O		184.5	186.0	BBP/BBP KP	QTZ 5	- S1 INTERMITTENTLY CONTORTED AND REGULAR - 'M' FOLD WITH QTZ VEINLETS	96.7	16318	.001				94.7
2% P ₄		186.0	187.5	BBP/BCP KP	QTZ 1	- WITHIN KP S1 MORE REGULAR BUT VARYING FROM 70-80°	100	16319	.001				96.0
5% P ₄ + P ₂ O		187.5	189.0	BBP/BBP KP	QTZ 5	- @ 187.5-188.4 KP - @ 188.4-189.0 BBP WITH MINOR INTERBEDDED CS @ 188.5 (BEDS ≤ 1 cm) AND CP @ 188.9 - LOCALLY VERY GRAPHIC	99.3	16320	.001				82.7
2% P ₄ + P ₂ O		189.0	190.5	BBP/BBP KP		- @ 189.0-189.9 MAINLY BBP WITH INTERCALATED KP AND MINOR SLST - @ 189.9-190.5 KP - S0 DEFINED BY SLST, S1 FAINT	96.7	16321	.001				61.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-107

 SHEET No. 27 of 27


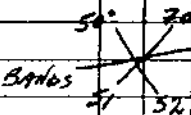
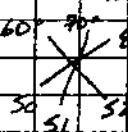
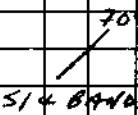
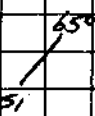
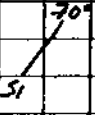
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	GC	MAU	Other A	ROD
TR-1% PY, TR PO	70° 51	190.5	192.0	BBP/BGP/ KP	QTZ 2	- FEW KNOTS - LOCALLY SILICIFIED - BROKEN, SLIGHTLY RUBBLY CORE - MINOR TENSION GASHES	90.0	16322	.001				52.7
1-3% PY + PO AS BLEBS AND STRINGERS	50° 52	192.0	193.5	BBP/BGP/ KP	QTZ 10	- BROKEN, RUBBLY CORE WITH MINOR GRAINE - LOCAL SILICIFICATION - @ 193.0-193.3 SWARM OF QTZ VEINS 3-7.5 CM WIDE WITH TR CHLORITE	97.3	16323	.001				69.3
TR-1% PY + PO	60-75° BANDS	193.5	195.0	BBP/BGP/ KP/LOST	QTZ 5	- VERY FAINT PALE GREY SILICIFIED BANDS - QTZ VEINING ≤ 8 CM WIDE	100	16324	.001				95.3
1% DISS & BLEBS PY, TR PO	50° 75° 51 52	195.0	196.5	KP	—		100	16325	.001				94.7
1% PY, TR PO	55° 52	196.5	198.0	KP	—	- FOLIATION FAINT	99.3	16326	.001				95.3
TR-1% PY + PO	50° 52	198.0	199.5	KP	QTZ 5	- QTZ VEIN SUB-PARALLEL TO QA - FAINT FOLIATION	100	16327	.001				100

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-107

SHEET No. 25 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
TR-1% PY, TR PO		199.5	201.0	KP	QTR 3	- LOCALLY BANDS @ 90-90° TO CIA	100	16328	.001			97.3
2% PY, TR PO		201.0	202.5	KP	QTR 3	- LOCALLY FEW FAINT KNOTS WITH FAIRLY STRONG BANDING	98.7	16329	.001			83.3
TR PO + PY		202.5	204.0	KP	QTR 7	- 8 CM WIDE BED CALCAREOUS SLST - @ 202.8M TENSION GASHES - QTR VEINING ≤ 3 CM WIDE	99.0	16330	.006			45.3
TR-1% DISS PY, TR PO		204.0	205.5	KP	—	- WELL KNOTTED - LOCALLY FINE BANDS	100	16331	.001			99.7
TR-1% PY, TR PO		205.5	207.0	KP	—	- SAME AS ABOVE	100	16332	.002			99.7
TR-1% DISS PY		207.0	208.5	KP	—	- WELL KNOTTED		16333	.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-107

 SHEET No. 26 of 27

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RDD	
	50° 52					KP/BBP - @ 208.5-211.8 KP WITH MINOR INTERBEDDED BBP (MINOR QTZ VEININGS)								
		208.5	210.0		QTZ 9	- TWO VEINS, 10 CM AND 2 CM WIDE		16334	.001					
		210.0	211.5		QTZ 1	- STRINGERS AND 1 CM WIDE VEIN		16335	.001					
	60° 52					BBP/CP/LMST/ BCP <u>211.8 - 221.9</u>								
						@ 221.6 - 224.1 CP AND LMST WITH HIGHLY GRAPHIC PARTINGS. @ 216.8 - 224.9 DEFORMATION ZONE, 'Z' FOLDS @ 216.8 AND @ 220.2. 52 WAVELES FROM 40° - 80° (MOST 65°). CONTORTED AND BOUNDING QTZ VEININGS.								
		211.5	213.0		QTZ 7	- QTZ VEINING ≤ 7 CM WIDE		16336	.001					
		213.0	214.5		QTZ 8	- QTZ VEINING ≤ 8 CM WIDE		16337	.001					
		214.5	216.0		QTZ 1	- ONE NARROW VEINLET		16338	.001					
5% BLEBBY + FRACTURE PO + PY		216.0	217.5		QTZ 5	- VEINLETS AND STRINGERS ≤ 2 CM		16339	.001					
3% PY + PO		217.5	219.0		QTZ 7	- AS ABOVE		16340	.001					

DIAMOND DRILL RECORD

20547

Part 2
of 3PROPERTY FRASER GOLDHOLE No. 90-108

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
129.6 m	-43°	045°

Hole Size H9
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 190.2 m
 % Recovery.....
 Elev. Collar 1486.2 m
 Latitude -65.006
 Departure 4638.674

Sheet No 1 of 28
 Logged by G. PITSON/M. SCHAFER
 Date Begun JULY 11, 1990
 Date Finished JULY 18, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		TO	FROM						ME Au	AC CAu	MAu	Other A	RGD Other B	
		0	12.0											
					KP/BBP	<u>12.0-23.93</u>								
						UNBANDDED TO MODERATELY BANDDED KP, LIMONITIC THROUGHOUT MOST OF UNIT, LOCALLY MOTTLED AND LEACHED.								
		12.0	13.5		QTZ 10	- QTZ VEIN @ 5-10° TO C/A	65.0	16345	.001					16.0
		13.5	15.0		QTZ 12	- SCATTERED QTZ LENSES	90.0	16346	.001					5.0
		15.0	16.5		QTZ 11	- MINOR QTZ STRINGERS	90.0	16347	.001					10.0
		16.5	18.0		QTZ 20	- @ 17.6-17.8 QTZ VEIN - VEINING ± 20 CM WIDE	90.0	16348	.001					10.0
		18.0	19.5		QTZ 2		90.0	16349	.001					7.0
		19.5	21.0		QTZ 5	- @ 19.8 QTZ VEINING ± 3 CM WIDE - @ 21.0 DARK GREY KP WITH SEVERAL BANDS OF SILICEOUS SEDS	95.0	16350	.001					12.0
		21.0	22.5		QTZ 2	- @ 22.4-22.5 SLST BED WITH QTZ VEIN < 2 CM WIDE	65.0	16351	.001					50.0
		22.5	24.0			- @ 23.9-24.0 LIGHT GREY BAND OF SLST	94.1	16352	.001					42.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 2 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						ME	FA	AL	MAU	
				SLST		23.93-24.30 lt gray banded siltstone with minor Kp.							
				KP/bbp.		24.3-27.44 Kp with weak fine bands locally limonitic.							
		S ₀	24.0	25.5	QTZ 5	-8 cm QTZ vein @ 24.0-24.8 -slt to 24.3 m, then KP/bbp	92	16353.001					68.2
		S ₁	25.5	27.0	QTZ 5	-8 cm of QTZ in middle of interval.	87.3	16354.001					68.7
				SLST/KP.		27.44-27.9 75% SLST with 25% KP, Limonitic							
				KP		27.9-40.75 typical Kp with very local, narrow slt bands							
			27.0	28.5		-section spans 3 lithologic units with SLST comprising ≈ 20% of sample	93.0	16355.003					58.0
		S ₁	28.5	30.0		few QTZ stringers	88.0	16356.001					74.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90108

 SHEET No. 3 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		30.0	31.5			few QTZ stringers	100	16357	.001			84.7
		31.5	33.0			few SLST bands < 1 cm in bottom 10 cm of sample	100	16358	.001			100
		33.0	34.5			slat bands @ 33.01 + 33.7 (0.5 + 20 m) limonite @ 34.25	100	16359	.001			81.3
		34.5	36.0			minor QTZ stringers - few bands of fine porphyroblasts @ 35.85 m	97.3	16360	.001			80.7
	S ₁ 85°	36.0	37.5			local very faint banding	100	16361	.001			100
	70° S ₂ (axial plane)	37.5	39.0		QTZ 4%	- 37.2 - 37.5 ZONE OF DEFORMATION + QTZ veining with bcp. veins < 20 m wide "Z" fold with 55° axial plane - 38.15 - 60 m SLST bed with cubic pyrite (dissem)	83.3	16362	.001			74.7
	55°											
	20° S ₀	39.0	40.5			- local banding near bottom of sample - minor QTZ stringers	98.0	16363	.001			69.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GARD

 HOLE No. 90-108

 SHEET No. 4 of 28

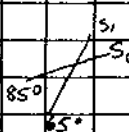
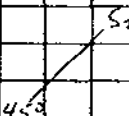
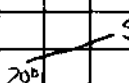
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						ME	FA	AG	MAU	Other A
					KP/bhp		40.75-41.5 banded, well foliated KP							
					Gp		41.5-42.65 - Grey phyllite							
			40.5	42.0			- Kp banded with stringer-like siliceous bands - Gp @ bottom of interval has 3% fracture controlled pyrite		16364	.001				44.0
					KP/bhp		42.65-42.90 faintly banded knotted phyllite, well foliated							
					KP.		42.9-47.08 knotted phyllite with Qtz vein swarm 44.42-45.08 veins - sem distinct S, slightly							
		51	42.0	43.5			- gp @ top 20cm sample, then Kp/bhp grading into KP for last 30% of interval		97.3	16365	.001			61.7
			43.5	45.0		QTZ 8	- Qtz veining in bottom half of sample.		82.0	16366	.001			41.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 5 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	MAU	Other A	Other B		
				BBP/KP		47.08-48.8 locally well banded knotted phyllite.								
		45.0	46.5		QTZ 5	end of vein swarm @ top of sample (0.8cm) 4cm QTZ vein @ 45.36 (60°C) - banding in lower half of sample	95.3	16367	.001					55.3
		46.5	48.0			- locally well banded	92	16368	.001					60.7
				BBP/BCP		48.8-50.45 banded + graphitic phyllite in deformation zone over interval of QTZ veining - veins ≤ 6 cm wide (70-80°C) - Min. kista								
		48.0	49.5		QTZ 13	- vein swarm over bottom half of interval - S2 variable	98	16369	.001					72
				CP		50.45-51.0 phyllitic, very calcareous sediment								
		49.5	51.0		QTZ 7	- veins ≤ 6 cm wide - bottom third calcareous	81.3	16370	.001					18.2

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 6 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						ME Au	MAu	Other A	R.D.
				BBP/BPP		51.0-51.66 band phyllite, sparse knots, locally graphitic near QTZ veins						
				KP		51.66-55.1 well knotted, locally well foliated phyllite with minor local banding						
		51.0	52.5		QTZ 2	-top 3rd BBP/BPP, Kp below has local banding		16371.001				23.3
			52.5		QTZ 2	-small 'Z' fold @ 53.55- axial plane @ 50° PA	100	16372.001				24.0
				KP/SLST		55.1-56.2 knotted phyllite (50%) with banded siltstone which is locally knotted -predominant SLST sections are up to 20cm wide						
		54.0	55.5		QTZ 5	70m QTZ vein @ 54.7m		16373.001				59.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-108

 SHEET No. 7 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	RDD	
				BBP		<u>56.2-57.2</u>							
						- MODERATE TO STRONG BANDING OF SLST LAYERS WITH FEW KNOTS							
	5% BBP	55.5	57.0		QTZ 7	- TOP HALF OF INTERVAL KPLSLT - BOTTOM HALF OF INTERVAL BBP - QTZ VEINS ≈ 5 CM AT 56.0 & 56.6	88	16374	.007				19
				SLST		<u>57.2-57.7</u>							
				SLST/KP		<u>57.7-59.9</u>							
						- unknotted siltstone, moderately → well banded. - Knotted @ end of interval with SLST bands.							
		57.0	58.5	QTZ 5		"Z" fold @ 58.3 m.	88.7	16375	.001				26.0
		58.5	60.0	QTZ 30		59-59.5 - 2 qtz veins (21 + 27 cm)	94.6	16376	.001				76.0

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 30-108

SHEET No. 8 of 18

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	R/D	
				KP/BBP		<u>59.9-62.7 banded knotted phyllite</u>							
		85° 65	51	60.0	61.5	—							
						<u>narrow slst bands ≤ 2.50m</u>	IDD	16377	.001				IDD
				LMST		<u>62.7-62.81 Limestone with 50cm Qtz vein</u>							
				KP/BBP		<u>62.81-63.6 siltstone banding in KP (≤ 30cm) well knotted KP.</u>							
					Qtz 3	<u>Qtz vein @ 63.7 (50m)</u>	IDD	16378	.001				98.7
				SLST		<u>63.6-63.83 Massive Siltstone</u>							
				BBP/KP		<u>63.83-64.3 Banded knotted phyllite</u>							
				LMST		<u>64.3-64.4 massive limestone</u>							
				BBP/KP/SLST		<u>64.4-74.4 banded knotted phyllite with some SLST horizons (≤ 60m)</u>							

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-108

SHEET No. 10 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
				BBP/KP		74.9 - 75.9 lightly banded Kp becomes well banded in deformation zone with lge Qtz vein (25cm) from 75-75.5							
	70°	73.5	75.0		QTZ 3	Qtz veinlets ≤ 1 cm in LMST (@ bottom of unit)	98.0	16386.001	2.002			98.0	
				BBP/KP/SLST		75.9 - 77.0 banded KP with local SLST horizons up to 70m.							
		75.0	76.5		QTZ 18	25cm Qtz vein @ 75.15	10.0	16387.224	.097			10.0	
				SLST		77.0 - 77.1 massive gray siltstone							
				Kp		77.1 - 78.5 - well knotted, minor local banding							
		76.5	78.0		QTZ 1	25cm Qtz vein @ bottom SLST horizon.	10.0	16388.001	<.002			10.0	
				BBP/SLST/KP		78.5 - 81.5 banded KP with locally well banded SLST							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 12 of 28

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD	
		FROM	TO						ME	BC	AU	MAU		Other A
				BCP		83.1 - 83.3 - fine, regular banding								
				CP		83.3 - 83.5 lightly banded + folded								
				KP/BBA/BCP		83.5 - 85.5 graphitic, banded, knotted phyllite - 83.5 - 84.6 deformation zone - DTZ vein swarm								
		83.5	84.0		QTZ15	83.5 - 11cm wide DTZ vein 83.7 - 8cm DTZ vein narrow stringers in carbonate unit	96.7	16392	.001					92
				KP		85.5 - 87.7 typical knotted phyllite								
		84.0	85.5		QTZ20	23cm DTZ vein 85.1m+ several smaller veins "Z" fold @ 84.5	100	16393	.001					91.3
		85.5	87.0				99.3	16394	.001					90.7

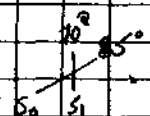
DIAMOND DRILL RECORD

 PROPERTY FRASER G. QLD

 HOLE No. 98-108

 SHEET No. 13 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD		
		FROM	TO						ME	FA	BC	MAU		Other A	
						<u>TUFF?/BCP/KP</u>									
						87.7 - 91.35 graphitic KP with Qtz vein swarm over entire interval									
						* 89.9 - 90.8 is delineated - TUFF? pale gray color, spots golden.									
		87.0	88.5	QTZ 25		Qtz veins 87.75 - 88.5 (1-10 cm wide).	100	16395.001							98
		88.5	90.0	QTZ 50		Qtz veins 20cm + less.	99.7	16396.001							88
						<u>BBP/KP</u>									
						<u>91.35 - 96.9</u> - KP WITH FINE TO 2 CM WIDE BANDS OF SILTSTONE									
		90.0	91.5	QTZ 50		- QTZ VEINING THROUGHOUT INTERVAL 5 10 CM WIDE	98.7	16397.001							86.7
		91.5	93.0	QTZ 9		- 92.4, 10 CM WIDE QTZ VEIN - VEINING OVER INTERVAL	100	16398.001							97.3
		93.0	94.5				99.9	16399.001							78.0



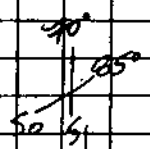
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 14 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		94.5	96.0		/		99.3	16400	.001			46.7
						<u>SLST/LAST/CP 96.9 - 97.0</u>						
						- BLACK LIMESTONE BETWEEN SILTSTONE LAMINATIONS - CARBONACEOUS PHYLLITE OCCURRING AROUND QZ VEINS/BOWDINS						
		96.0	97.5		QZ 3	90.15, 2CM WIDE QZ VEIN	99.3	16401	.001			86.7
						<u>BBP/SLST 97.8 - 98.2</u>						
						- BBP WITH FEW KNOTS - LAST 10 CM OF UNIT IS FAIRLY MASSIVE SLST						
						<u>KP/BBP 98.2 - 100.3</u>						
						- FINE BANDED KP TO 1 CM WIDE SLST BANDS						
		97.5	99.0		/	97.7 TENSION GASHES	100	16402	.001			94



DIAMOND DRILL RECORD

 PROPERTY FRASER G. OLD

 HOLE No. 90-108

 SHEET No. 15 of 20

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				R.D.	
		FROM	TO						Au	Me	Bc	MAu		Other A
						<u>BBP/SLST</u> <u>100.3 - 100.7</u>								
						- BANDED KP WITH INTERBEDS ≤ 10 cm, OF SLST								
		99.0	100.5				100	16403	.001					93.3
						<u>BBP/KP</u> <u>100.7 - 104.0</u> banded knotted phyllite								
		100.5	102.0		QTZ 6	6 cm Qtz vein @ 101.9	96	16404	.001					89.3
		102.0	103.5			no Qtz	97.3	16405	.001					92
						<u>BCP.</u> <u>104.0 - 104.65</u> graphitic phyllite								
						<u>KP/BBP</u> <u>104.65 - 110.8</u> knotted phyllite with locally banded aspect								
		103.5	105.0		QTZ 8	104.0 - 104.5 Qtz vein zone with veins ≤ 5 cm	97.3	16406	.001					83.3
		105.0	106.5			some sections well banded	100	16407	.001					82

DIAMOND DRILL RECORD

 PROPERTY FRASERGUAD

 HOLE No. 90-108

 SHEET No. 16 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						Au	MAu	Other A	RC	
		106.5	108.0			minor Qtz stringers	100	16408	.001	<.002			68.7
	85°	108.0	109.5		QTZ 10	108.4 - 13cm Qtz vein 108.7 - 5cm " "	100	16409	.010	.005			90.7
		109.5	111.0		QTZ 5	110.85 - 111 - Qtz veins < 4cm	96	16410	.005	.003			84.3
					BBP/KP/BOP	110.8 - 113.6 banded knotted phyllite, graphitic near Qtz veins - Qtz veins swarming irregularly throughout with little assoc deformation							
		111.0	112.5		QTZ 20	Qtz veins throughout \leq 8cm wide	97.3	16411	.002	<.002			86.7
					BBP/KP	113.6 - 114.2 KP is crudely to well banded from top \rightarrow bottom.							
		112.5	114.0		QTZ 10	113.1 - 113.6 Qtz veins/Bandings \leq 6cm wide	100	16412	.003	.004			92.7
					CP/BOP	114.2 - 114.6 mostly banded CP w/ many BOP sections - bottom half is pretty reliable							

DIAMOND DRILL RECORD

 PROPERTY FRASER, G. O. D.

 HOLE No. 90-108

 SHEET No. 17 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS						
		FROM	TO						Au	Ag	MAu	Other A	ROD		
				BBP/KP		114.6 - 117.2 well banded, sparsely knotted phyllite									
		114.0	115.5		QTZ 2	1 vein < 2cm	88	16413	.005	<.002					60.
		115.5	117.0		QTZ 5	-6cm QTZ @ 115.25 + local minor stringers + veinlets ≤ 1cm	96.7	16414	.007	.004					61.3
5% po, TR-1% py.				BCP/ABP		117.2 - 120.1 - mostly banded KP to 117.9 - predominantly BCP in QTZ vein zone 117.9 - 120.1 - sulfides in large irregular blinds + stringers									
		117.0	118.5		QTZ 20	120m vein @ 118.1m + smaller veins throughout	96.7	16415	.005	.004					86.
		118.5	120.1		QTZ 20	- QTZ veins ≤ 4cm 118.5 - 119.15 - 8cm QTZ vein @ 119.95 S, locally distorted around veins	100	16416	.001	<.002					88

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 18 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			ROD
		FROM	TO						Au	MAu	Other A	
1-2% op, py				QTZ		120.1 - 121.8 Large massive QTZ vein with minor inclusions of BCP + carbonate. - sulfides in holes predominantly near contacts						
		120.1	121.8		QTZ 100	as above.	93.3	16417.012	.285			86.7
				BBP/BCP		121.8 - 123.1 black banded phyllite with rare knots is locally graphitic						
		121.8	123.1		QTZ 12	QTZ veins ± 4cm + stringers	91.3	16418.046	.012			30
TR op, py				QTZ		123.1 - 123.7. Lge QTZ-CARB vein with BCP clasts + chlorite (3%) in top 20cm.						
		123.1	123.7		QTZ 100	as above.	100.	16419.001	<.002			88.3
				BCP/BBP		123.7 - 131.0						
						QTZ VEINING/BOUDINS FROM 123.7-128.1. INTERMITTENT QTZ VEINING OVER REST OF						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 19 of 28

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	ROD	
						UNIT. BCP PREDOMINANT NEAR VEINS WITH BANDING BETWEEN VEINS.							
2-3% Po + Py FILLING ALONG EDGES OF QTZ VEINS		123.7	124.5		QTZ 23	- QTZ SWARM EDGE INTERVAL WITH VEINS \leq 6 CM WIDE	59.0	1620	.001	<.002			36.7
3%-5% Po + Py AS ABOVE	50	124.5	126.0		QTZ 30	- AS ABOVE WITH QTZ VEINS \leq 11 CM WIDE	99.3	1621	.001	.002			82.0
3-5% Po + Py AS ABOVE		126.0	127.5		QTZ 13	- AS ABOVE WITH QTZ VEINS \leq 3 CM WIDE - 127.1, 10 CM WIDE PIECE OF BLEACHED PALE GRAY CORE - QTZ VEINS 60-80° TO C/A	100	1622	.006	<.002			86.7
	85-90° 50	127.5	129.0		QTZ 5	- LOCALLY WELL BANDAID	92.7	1623	.001	.006			82.7
1% Py + Po AS STRINGERS		129.0	130.5		QTZ 12	- QTZ VEINS \leq 8 CM WIDE	96.0	1624	.024	.041			56.7
3-5% Po + Py ALONG VEINS					KP/BBP	131.0-132.6 KNOTS THROUGHOUT MOST OF UNIT FINE TO 4 CM WIDE BANDS							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 20 of 28

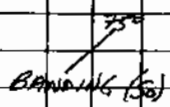
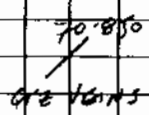
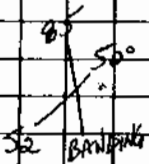
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		130.5	132.0		QTZ 6	- 130.7, 5cm WIDE QTZ VEIN	83.3	16425	.012	.013		36.0
						- VG ALONG PY AND PO IN BLACK MULLITE						
			132.6	ROH	HOLE	TEMPORARILY ABANDONED JULY 13/90						
						COMMENCED DRILLING AGAIN JULY 17/90						
					BBP/BCP/KF	<u>132.0 - 136.5</u>						
						BANDS ≤ 1cm WIDE. SPARSELY TO MODERATELY KNOTED. BCP AROUND QTZ VEINING.						
		132.0	133.5		QTZ 9	- QTZ VEINS ≤ 6cm WIDE THROUGHOUT INTERVAL	100	16535	.001	<.002		73.3
		133.5	135.0		QTZ 8	- QTZ VEINING ≤ 2cm WIDE OVER INTERVAL	100	16536	.001	<.002		74.0
						- LOCALLY SLT BANDING						
		135.0	136.5		QTZ 7	- @ 135.0 - 135.8 QTZ VEINING ≤ 2cm WIDE	100	16537	.001	<.002		61.0
						- MINOR DEFORMATION AT BOTTOM OF INTERVAL						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 21 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RQD
						<u>BBP/BCP/SLST 136.5-139.5</u>							
						WELL Banded BCP/SLST/QTZ OVER MOST OF UNIT. ZONE OF QTZ VEINING = 3 cm WIDE							
		136.5	138.6		QTZ 11	- QTZ VEINS/Boudins ≤ 2 cm wide OVER INTERVAL - LOCAL DEFORMATION AT TOP & BOTTOM OF INTERVAL	98.7	16538	.001	<.002			62.7
		138.0	139.5		QTZ 10	- @ 138.4-139.1 SWARM OF QTZ VEINS ≤ 3 cm WIDE - LOCAL DEFORMATION	100	16539	.001	<.002			76.0
						<u>KP/BBP/BCP 139.5-159.0</u>							
						MODERATELY KNOTTED OVER MOST OF UNIT. LOCALLY ABSENCE OF KNOTS WHERE BANDING & BCP BECOME PREDOMINANT							
		139.5	141.0		QTZ 5	- LOCALLY BANDS/QTZ VEINLETS FOLDED - SPARADIC QTZ VEINS = 1 cm WIDE	95.3	16540	.001	<.002			95.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-108

 SHEET No. 22 of 28

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FR ASSAYS				
		FROM	TO						ME Au	RC	MAu	Other A	RAID
		141.0	142.5		QTZ 6	- QTZ VEINING LOCALLY = 2 cm WIDE - @ 142.2 4 cm WIDE SLST BED - LOCALLY MICROFOLDED QTZ STRINGERS	100	16541	.001	<.002			87.7
		142.5	144.0		QTZ 5	@ 142.5 6 cm WIDE QTZ VEIN @ 143.0 - 144.0 FOLDING + RENULATION - S1 + S2 WEAK	98	16542	.001	<.002			84.0
		144.0	145.5		/	- S2 IS DISTORTED	98	16543	.001	<.002			89.3
		145.5	147.0		QTZ 1		98.7	16544	.001	.006			83.3
		147.0	148.5		QTZ 5	- PY STRINGERS REPLACING QTZ STRINGERS - @ 147.6 - 148.1 QTZ VEINING = 2 cm WIDE	99.3	16545	.012	.009			93.7
		148.5	150.0		QTZ 3	- LOCALLY MICROFOLDED QTZ STRINGERS - WEAK TENSION GASHES AT Bottom of ...	100	16546	.029	.022			96.7

65° 80° 90°
S1
BANDING

80°
QTZ VEINS

1-2% Py + TR PO
QTZ STRINGERS
BANDING

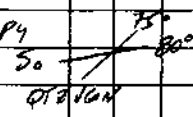
60°
S2

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 25 of 28

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
1-2% P ₁ + P ₂		165.0	166.5		QTZ 3	- QTZ VEINS \leq 1 CM WIDE - QTZ STRINGERS/VEINLETS NOT AS PREVALENT - CORE IS TRACE VUGGY - FOLIATION FAINT	85.3	16557	.001				63.3
					BCP / BBP	<u>166.5 - 175.5</u> MODERATELY TO STRONGLY BANNED BANDS \leq 1 CM WIDE. BCP AROUND QTZ VEINING. KNOTS LOCALLY OVER UNIT. QTZ VEINING OVER MOST OF UNIT.							
2% P ₀ + P ₄		166.5	168.0		QTZ 15	- 8 CM WIDE LIMESTONE BED AT TOP OF INTERVAL - @ 167.1 12 CM WIDE QTZ VEIN - MICROFOLDING NEAR WIDER VEINS - QTZ VEINS TR VUGGY	100	16558	.001				76.7
2-4% P ₀ + P ₄		168.0	169.5		QTZ 15	- QTZ VEINING OVER INTERVAL \leq 9 CM WIDE VUGGY	97.3	16559	.001				82.3
2-3% P ₀ + P ₄ , TR CP ₄		169.5	171.0		QTZ 25-30	- SWARM OF QTZ VEINING OVER INTERVAL, \leq 12 CM WIDE	99.3	16560	.001				88.0

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-108

SHEET No. 26 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	RE	MAU	Other A	RQD
1-2% PO, TR P4		171.0	172.5		QTZ 6	- SPORADIC QTZ VEINING OVER INTERVAL \leq 5 cm WIDE - VEINS VUGGY AND CHLORITIC - FOLIATION FAINT - MICROFOLDS LOCALLY	92.0	16561	.001				71.3
		172.5	174.0		QTZ 15	- @ 172.9 17 cm WIDE QTZ VEINS WITH INCLUSIONS OF GRAPHITE - MINOR QTZ VEINING OVER REST OF INTERVAL	99.3	16562	.001				71.3
1-2% PO + P4		174.0	175.5		QTZ 11	- DEFORMATION ZONE - QTZ VEINS \leq 7 cm WIDE OVER INTERVAL (MAINLY VEINLETS/STRINGS)	100	16563	.001				57.0
					BBP/KP/BP	<u>175.5 - 184.5</u> WEAK TO STRONGLY BANDED WITH BANDS \leq 1 cm WIDE, FAIRLY WELL KNOTTED OVER MOST OF UNIT WITH BCP OCCURRING LOCALLY NEAR QTZ VEINS							
		176.5	177.0		QTZ 3	- @ 176.5 TENSION GASHES - BROKEN CORE	81.3	16564	.001				17.3

75°
BANDS

60°
75°
BANDS
OR QTZ
VEIN

75°
80°
BANDS

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 27 of 28

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
	80° QTZ VEINS (S.G.)	177.0	178.5		QTZ 4	- QTZ STRINGERS/VEINLETS/VEINS OVER INTERVAL ≤ 1.5cm WIDE - LOCALLY MICROFOLDS	100	16565	.001			7.0
		178.5	180.0		QTZ 3	- QTZ STRINGERS/VEINLETS OVER INTERVAL	97.3	16566	.001			36.0
	70° SiO ₂ BANDS	180.0	181.5		QTZ 3	- LT GREY BANDS ≤ 3cm WIDE (SERICITIC ALTERATION?)	98.7	16567	.001			71.3
		181.5	183.0		QTZ 2	- LOCALLY MICROFOLDS + TENSION GASHES	100	16568	.001			73.3
	75° QTZ VEINS	183.0	184.5		QTZ 9	- @ 183.9-184.5 SWARM OF QTZ VEINS ≤ 2cm WIDE	92.7	16569	.001			68.0
					BBP/SLST/BCP	<u>184.5 - 190.2</u> BANDS OF SLST AND LIGHT GREY ALTERATION! BANDS ≤ 1cm WIDE. VERY GRAPHITIC PARTINGS LOCALLY OVER THE UNIT. INTERMITTANT FRACTURED RUBBLY CORE — SHEAR ZONE.						

DIAMOND DRILL RECORD

 PROPERTY KRASERGOLD

 HOLE No. 90-108

 SHEET No. 28 of 20

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	QA D
	85° 50' BANDS	184.5	186.0		QZ 10	① 184.9-186.0 BROKEN, RUBBLY ORE	85.3	16570	.001			26.7
						② 185.2 9cm WIDE LENS OF QZ						
	75-80° SHAR SURFACE & BANDING	186.0	187.5		QZ 6	- QZ VEINS ≈ 2cm WIDE - GRAPHITIC PARTINGS AT RUBBLE - LOCALLY BANDING/VEINING DISTURBED	83.3	16571	.001			40.7
1-2% Po & Py	75-80° 50'	187.5	189.0		QZ 2	- LIGHT GRAY ALTERATION AS VERY FINE PORPHYROBLASTS	96.7	16572	.001			76.7
		189.0	190.2		QZ 3	- VERY GRAPHITIC PARTINGS	82.7	16573	.001			40.0
		190.2				END OF HOLE						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 2 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RD
	70° S ₀	18.0	19.5				98.0	16428	.001				24.0
	65° S ₁	19.5	21.0			-FAIRLY WELL FOLIATED	87.3	16429	.001				70.7
				SLST/BCP/BBP		<u>21.4 - 22.2</u> SILTSTONE TOP OF INTERVAL, FINELY BANDED, GRADING INTO ZONE OF QTZ VEINS/BOUDINS ≤ 2 CM WIDE. BCP AROUND QTZ VEINS.							
	53° S ₂	21.0	22.5		QTZ 4	QTZ VEINLETS/STRINGERS CIRCULATED BY S ₁ AT BOTTOM OF INTERVAL	97.3	16430	.001				79.3
				KP		<u>22.2 - 27.0</u> WELL KNOTTED. LOCALLY LIMONITIC. FINE BANDING BECOMING APPARENT TOWARDS BOTTOM OF INTERVAL. AT 22.3m, 4 CM WIDE SLST BED.							
	70° 85° S ₀ S ₁	22.5	24.0				99.3	16431	.001				71.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 3 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	RQD
		24.0	25.5		—	LOCALLY VEINLETS FOLDED?/ CREMULATED?	96.7	16132	.001			42.0
		25.5	27.0		—		92.0	16133	.001			49.3
					KP/BBP	<u>27.0-32.2</u>						
						WELL KNOTTED THROUGHOUT UNIT WITH FINE BANDING. AT 29.0 M HAVE AN 18 CM WIDE QTZ VEIN.						
		27.0	28.5		QTZ 12	- AT 29.0 M, 18 CM WIDE QTZ VEIN	99.7	16134	.001			72.0
		28.5	30.0		—		93.3	16135	.001			64.7
		30.0	31.5		QTZ 3	- 4 CM WIDE QTZ VEIN @ 30.0	86.0	16136	.001			10.0
					BBP	<u>32.2-33.0</u>						
						WELL BANDED WITH BANDS ±1.5 CM WIDE. ABSENCE OF KNOTS. BROKEN, RUBBLY CORE.						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 7 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
		31.5	33.0		/	- MICROFOLDED VEINLETS	69.3	16437	.001				6.7
					KP/BBP	<u>33.0-40.5</u>							
						KNOTTED PHYLITE WITH FINE TO 5cm WIDE BANDS.							
		33.0	34.5		/	- TRACKS OF MICRO PORPHYROBLASTS ALIGNED @ 90° TO CIA	98.7	16438	.001				96.0
		34.5	36.0		QTZ 2	- @34.8, 5cm WIDE SLST BED	92.7	16439	.001				64.7
		36.0	37.5		QTZ 17	- @36.0-36.6 QTZ VEINING ≤10 cm WIDE	82.7	16440	.001				8.0
		37.5	39.0		QTZ 2		86.7	16441	.001				31.3
		39.0	40.5		QTZ 10	- @39.3, 9cm WIDE QTZ VEIN - INTERMITTENT VEINS OVER TOP 2/3 OF INTERVAL - CARBONACEOUS NEAR VEINS	100	16442	.001				32.3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-109

SHEET No. 5 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.		INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
			FROM	TO						Au	MAU	Other A	RQD	
					<u>BCP</u>		<u>40.5-41.0</u>							
							BLACK CARBONACEOUS PHYLLITE IN A ZONE OF QTZ VEINING. QTZ VEINS ≤ 5 cm WIDE. LOCALLY BANDED. BROKEN CORE							
					<u>CP/BBP</u>		<u>41.0-43.5</u>							
							FINELY BANDED CALCAREOUS PHYLLITE WITH BBP LOCALLY. GRAPHITIC PARTINGS AT TOP OF UNIT.							
			<u>30'</u>											
				<u>40.5</u>	<u>42.0</u>	<u>QTZ 12</u>	<u>40.5-41.0 ZONE OF QTZ VEINING ≤ 6 cm WIDG (39% QTZ OVER SWARM) - VERY SMALL 'Z' FOLD, VERGENCE NE</u>	<u>93.3</u>	<u>16443</u>	<u>.001</u>				<u>0</u>
<u>10% PY, DISS ↓ STRINGERS</u>				<u>42.0</u>	<u>43.5</u>			<u>98.0</u>	<u>16444</u>	<u>.001</u>				<u>44.0</u>
					<u>BBP/KP</u>		<u>43.5-49.0</u>							
							WELL BANDED KNOTTED PHYLLITE. BANDS COMPOSED LOCALLY OF SLST.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-105

 SHEET No. 6 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						Au	MAu	Other A		
		43.5	45.0		QTZ 7	43.9-44.1 SWARM OF QTZ VEINING ≤ 3 cm WIDE (55% QTZ OVER SWARM)	96.7	16445	.001				32.3
	SSP 51.7/52?	45.0	46.5		—		100	16446	.001				84.0
	60-80 50?/SLST BANDS)	46.5	48.0		QTZ 1	- LOCALLY BANDS OF SLST ≤ 2 cm WIDE	94.7	16447	.001				70.0
		48.0	49.5		QTZ 5	- SAME AS ABOVE - 48.6 - 49.0 DEFORMATION OF STRINGERS/VEINLETS, 2 QTZ VEINS ≤ 2 cm WIDE, BROKEN CORE - @ 49.0 AN 12 cm BED OF BLACK MASSIVE LIMESTONE	98.7	16448	.001				58.0
				lmst		49.0 - 49.13 Massive dark grey limestone. Wavy contact.							
	800	49.13	54.00	BAP/KP/SLST		49.13 - 54.00 med → strongly banded Kp with interbeds of massive SLST up to .50 cm wide							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 7 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A		
		49.5	51.0		QTZ 1	- section has 50cm SLST bed - minor QTZ stringers + veinlets	100	16449	.001				80
		51.0	52.5		QTZ 3	- slat beds \leq 30cm - irregular QTZ veining @ 52.3m	453	16450	.001				78.
		52.5	54.0		QTZ 5	- Slat beds up to 15.0m - QTZ stringers + am veins \leq 5cm	89.3	16451	.001				66
					BBP/KP.	54.0-60.43 lightly to well banded KP. Thin, narrow SLST horizons							
		54.0	55.5		QTZ 8	- graphitic near QTZ veins - chlorite in veins @ 54.75 - minor local sericitic alt. between veins @ 54.75 - veins \leq 40m	89.3	16452	.001				45.3
		55.5	57.0		QTZ 3	irregular QTZ veinlets \leq 20m	94.7	16453	.001				34.0
		57.0	58.5		QTZ 3	- 4.5cm QTZ vein @ 57.45m with 60cm altty horizon below - tension gashes @ 57.68 + 57.96	100	16454	.001				48.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 8 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
		58.5	60.0			- most of sample well banded	98	16455	.001				89.3
				CP/LMST	BBP	60.43-61.67 unit starts with CP which grades into well banded phyllite (non-calcareous) then limestone which becomes more phyllitic with depth.							
	700	60.0	61.5			- minor DTZ concentrated in limery horizons	99.3	16456	.001				89.3
				KP/BCP	BBP	61.67-65.77 knotted phyllite is locally graphitic and lightly to moderately banded.							
		61.5	63.0		DTZ.6	- 4.5 + 30m DTZ near @ 58.85 stringers in local contorted section in bottom 25cm	100	16457	.001				94.7
		63.0	64.5			few narrow stringers	100	16458	.001				100
		64.5	66.0			few stringers, mostly in LMST @ end of section	98	16459	.001				97.3

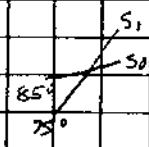
DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-109

SHEET No. 10 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						FR ME GC		MAU	Other A
				BCP/BBP/KP.		20.97-23.35 very graphitic, banded KP has minor silty horizons ≤ 50 m + minor deformation						
		70.5	72.0	QTZ 5		gtz stringers + needles ≤ 10 m	98.7	16463.001				98.3
		72.0	73.5	QTZ 30		10 cm QTZ vein @ 73.0 36 cm vein @ 73.4	100	16464.001				100
				KP/BBP.		23.35-86.1 mod \rightarrow well banded KP.						
		73.5	75.0				98	16465.001				72.7
		75.0	76.5	QTZ 1		30 cm CP @ top of interval QTZ vein ≤ 30 m + stringers	100	16466.001				100
		76.5	78.0			tension gashes @ 77.2 m	98	16467.001				86
		78.0	79.5	QTZ 12		272 veins up to 6 cm in top 40 cm "locally very well" banded. - tension gashes (faint) - 2 cm LMS @ 78.65	99.7	16468.001				86.7

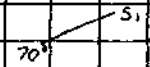
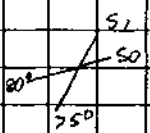
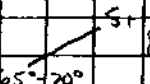


DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 11 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	ROD
		79.5	81.0		QTZ 1	locally well banded	100	16469	.001			90.7
		81.0	82.5		—		97	16470	.001			92
		82.5	84.0		—	well banded, local tension gashes (zone @ 90° CA)	98	16471	.001			97.3
		84.0	85.5		—	moderately banded, tension gashes.	98	16472	.001			95.3
					BBP/KP/SLST	86.1 - 88.5 lightly → well banded KP with SLST horizons up to 70m.						
		85.5	87.0		QTZ 1	20m QTZ veinlet in 6cm SLST @ 86.4m.	97.7	16473	.001			90.7
		87.0	88.5		—	60m CP @ 88.38m.	100	16474	.001			91.3
TR - local 3% fracture controlled py					KP/BBP	88.5 - 93.55 moderately banded KP.						
		88.5	90.0		QTZ 1	minor QTz veinlets	98	16475	.001			76
		90.0	91.5		QTZ 1	QTz veinlet + stringers	99.3	16476	.005			77.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 12 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	FA	BC	MAU	Other A	ROD
py 3%		91.5	93.0		QTZ 4	-60m Qtz vein @ 91.95	100	16477	.001					65.3
to - 3% local po, py					Tuff / BCF / KP	93.55 - 111.57 black graphitic phyllite has locally disturbed S. - Short intermittent sections with well formed knots and faint - mod banding - 101.75 broken ground with fine rock chips - Qtz veined throughout								
		93.0	94.5		QTZ 23	-230m Qtz vein @ 94.0 + smaller veins	88	16478	.004	.006				77.3
		94.5	96.0		QTZ 25	-2Tz veins up to 10cm good banded Kp 94.9-95.1	96.7	16479	.002	.004				70.0
		96.0	97.5		QTZ 25	-2Tz veins up to 15cm -bleaching (moderate) 96.6-96.7m (TUFF?)	96	16480	.001	.007				64.7
2-3% po, py	Sz 650	97.5	99.0		QTZ 25	-moderately deformed -Qtz veins up to 18cm -2cm carbonate / Sulfide vesicles @ 98.15 m	93.3	16481	.001	<.002				76.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-109

 SHEET No. 13 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	GC	MAU	Other A	ROT
2-3% po/py		99.0	100.5		QTZ 25	-101.75 rock chips only (2 seen gone ??) -QTZ was up to 100 m -20m LMST @ 100.3 m	84.7	16482	.001	<.002			54.
2-4% po/py		100.5	102.0		QTZ 45	-slat (banded) 100.58-100.70 -QTZ veins up to 100 m -blotchy chlorite in some veins	100.	16483	.0016	.004			95.3
		102.0	103.5		QTZ 20	-unveined, banded Kp 102.55-103.94 veins throughout rest \leq 130 m.		16484	.005	<.002			70.7
		103.5	105.0		QTZ 15	-one 11cm boudin(?) @ top sample, rest QTZ veins \leq 50 m -little distortion -large (upto 1cm) well formed knots being replaced by cream colored mineral (TUFF?)	100	16485	.001				100
		105.0	106.5		QTZ 8	-moderate bleaching 105-107 m overprinting silty horizon(?) -veins \leq 30 m -locally contacted (irregular S ₂)	94.7	16486	.001				66.0
	S ₂	106.5	108.0		QTZ 3	-light-mpd bleaching 107.1-107.4 -intense bleaching 107.54-end (TUFF?)	99.3	16487	.001				73.3

DIAMOND DRILL RECORD

 PROPERTY FRITZBERGOLD

 HOLE No. 90-109

 SHEET No. 14 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	FE	Au	MAu	Other A
		108.0	109.5		QTZ 15	(TUFF?) - intense bleaching 108-108.2 and 109.5-109.5	102.3	16488	.001				84.3
						- NOTE: Bleached sections are light - medium tan to grey to cream color with gold (pumpkin) colored knots. (Sericitic alteration? Cleavage surfaces feel greasy) - good muscovite on cleavage @ 110.35 - overprints all other textures							
		109.5	111.0		QTZ 12	intense bleaching throughout QTZ veins < 5 cm - possible SLST horizon @ 109.57- 109.95	98.7	16489	.001				70.0
					BBP/BCP	111.51 - 123.12							
						MODERATE TO STRONG BANDING WITH BANDS RANGING FROM FINE TO 2 CM WIDE. KNOTS LOCALLY. BCP AROUND ZONES OF QTZ VEINING. THROUGHOUT INTERVAL							
						* NOTE: LOCALLY OVER UNIT, S1, S1, S2 HAVE NO CONSISTENT ORIENTATION WITHIN THE SAME PIECE OF CORE WITH S1 & S2 ORIENTED TOWARDS COMPLETELY DIFFERENT DIRECTION							
2-3% PO4 P4		111.0	112.5		QTZ 10	111.0-111.51 INTENSELY BLEACHED/TUFF? WITH QTZ VEINS/BANDINGS THROUGHOUT. QTZ VEINS < 2 CM WIDE	100	16490	.006				97.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 15 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	ROD
	80° /	112.5	114.0		QTZ 6	- QTZ VEINS ± 3 CM WIDE OVER INTERVAL	92.7	16491	.003				33.3
	70° /												
2% PY + PO IN QTZ SWARM	70° /	114.0	115.5		QTZ 2A	- @ 114.64 - 115.5 QTZ VEIN SWARM WITH VEINS ± 9 CM WIDE; WIDER VEINS ARE WUGGY, FEW SMALLER VEINS FOLDED - MINOR GOUGE OVER LAST 45 CM OF INTERVAL	100	16492	.001				28.7
	70° /												
1-2% PY STRINGERS		115.5	117.0		QTZ 2		96.7	16493	.001				84.7
2% PY STRINGERS, TR PO		117.0	118.5		QTZ 8	- @ 117.9 10 CM WIDE QTZ VEIN	99.3	16494	.001				92.0
2-3% PY, TR PO		118.5	120.0		QTZ 4	- QTZ VEINS ± 4 CM WIDE, STRINGERS LOCALLY FOLDED	92.7	16495	.001				90.0
3-4% PY + PO AS BLEBS & STRINGERS		120.0	121.5		QTZ 30	- SWARM OF QTZ VEINS, ± 5 CM WIDE, OVER INTERVAL - QTZ VEIN LETS CIRCULATED @ TOP OF INTERVAL BUT NO CLEAR S2	100	16496	.001				100.0

DIAMOND DRILL RECORD

 PROPERTY FRASEE GOLD

 HOLE No. 30-109

 SHEET No. 16 of 22

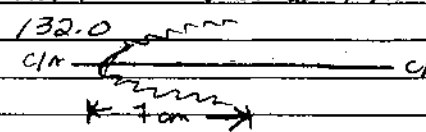
TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						FA	ME	BC	MAU	Other A
3% P4 + P6	170° 52 QTZ VEINS (S2)	121.5	123.0		QTZ 9	- BANDING OF QTZ VEINLETS LOCALLY - 'Z' FOLD, AXIAL PLANE 65° TO QZ	90.7	16497	.001				ROD 46.7
					BBP/KP/BCP	<u>123.12 - 148.5</u> MODERATE TO STRONG BANDING WITH BANDS 1mm-2mm WIDE. KNOTS THROUGHOUT MOST OF UNIT WITH BCP LOCALLY NEAR QTZ VEINS @ 131.35-132.5 DEFORMATION ZONE							
	55° 52	123.0	124.5		QTZ 8	- BANDS/STRINGERS/VEINLETS ORIGULATED + FOLDED OVER MOST OF INTERVAL	100.7	16498	.001				100.7
	60-70° QTZ VEINLETS + S1	124.5	126.0		QTZ 4		98	16499	.001				83.3
	75-85° QTZ VEINLETS	126.0	127.5		QTZ 10	- SWARM OF QTZ VEINS/VEINLETS/STRINGERS OVER INTERVAL ≤ 1cm WIDE, LOCALLY MICROFOLDS	88.7	16500	.001	<.002			90.0

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-109

SHEET No. 17 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			RQD
		FROM	TO						Au	MAu	Other A	
	35°	127.5	129.0		QTZ 1	- @ 127.7 TENSION GASHER	103.3	16501	.001	.003		103.3
	50°	129.0	130.5		QTZ 8	- @ 130.4 9 CM WIDE QTZ VEIN. CRENULATION ABOVE QTZ VEIN. - @ 129.6 MINOR GORGE, BROKEN RUBBLY CORE AROUND IT	87.3	16502	.001	.016		50.0
	55° AXIAL PLANE	130.5	132.0		QTZ 10	- @ 130.5 - 131.1 SWARM OF QTZ VEINLETS - 131.35 - 132.0 DEFORMATION ZONE - '2' FOLD WITH LIMBS FOLDED 3/4, MOSTLY MICROFOLDS JA	102.7	16503	.001	.003		92.7
1-2% Py STRINGERS	65° 50°	132.0	133.5		QTZ 5	- @ 132.0 - 132.7 CONTINUING DEFORMATION ZONE WITH MICROFOLDS - @ 132.0 C/A  C/A * 7cm * - QTZ STRINGERS/VEINLETS OVER INTERVAL	103.3	16504	.001	<.002		86.7
1-2% Py	80° 55°	133.5	135.0		QTZ 7	- QTZ STRINGERS/VEINLETS/VEINS OVER INTERVAL - @ 134.0 4 CM WIDE QTZ VEIN	104.0	16505	.024	.012		98.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 18 of 22

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				ROD
		FROM	TO						Au	Ag	MAU	Other A	
	70	135.0	136.5		QTZ 1	- CRENULATIONS LOCALLY	99.3	16506	.018	.011			99.3
	70	136.5	138.0				101.3	16507	.008	.006			101.3
	70	138.0	139.5		QTZ 2	- FINE QTZ STRINGERS/VEINLETS	92.7	16508	.001	<.002			61.3
	70	139.5	141.0		QTZ 7	- @ 139.9 QTZ BOUNDIN 6 cm WIDE & 2 cm WIDE VEIN WITH LARGE MGS WITH DEVELOPED CARBONATE CRYSTALS INSIDE - QTZ STRINGERS/VEINLETS/VEINS THROUGHOUT MOST OF INTERVAL	99.3	16509	.001	<.002			93.3
	70	141.0	142.5		QTZ 10	@ 141.4-142.5 SWARM OF QTZ VEINING ≤ 2 cm WIDE - LOCALLY VEINS ARE FOLDED & LOCALLY WELL BANNED	95.3	16510	.001	<.002			71.3
	70	142.5	144.0		QTZ 5	QTZ VEINING/VEINLETS ≤ 1 cm @ 80° CA.	104.7	16511	.002	<.002			84.0
	70	144.0	145.5		QTZ 5	Same as above - 144.1, 5 cm QTZ VEIN	95.3	16512	.001	<.002			62.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 19 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL. S_1	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				ROD
		FROM	TO						Au	Ag	MAU	Other A	
	80	145.5	147.0		QTZ	146.15 - 1.5cm wuggy SLST Horizon	97.3	16513	.001	<.002			97.3
	90	147.0	148.5		QTZ	146.75 - 30cm slat lead 147.75 10cm gp	92.7	16514	.001	<.002			68.7
					BCP/BBP	148.5 - 156.0 - QTZ vein swarm with intermittent BBP between vein zones - 151.7 - 151.9 local CP + LMST - local deformation near QTZ veins							
2% Pd + Ag		148.5	150.0		QTZ 20	- swarm QTZ veins \leq 16cm wide	98	16515	.001	<.002			48.7
3% Pd + Ag		150.0	151.5		QTZ 9	- QTZ veins \leq 6cm - local microfolding of QTZ stringers	93.3	16516	.001	<.002			64.0
3% Pd + Ag		151.5	153.0		QTZ 20	- 151.7 - 151.9 CP + LMST - QTZ veins 152.2 - 152.5 \leq 6cm wide; minor vugs (randomly oriented to CP)	90.7	16517	.001	<.002			56.7
5% Pd + Ag		153.0	154.5		QTZ 20	- 152.5 - 153.9 - QTZ swarm 153.8 - 13cm QTZ vein, smaller veins + stringers above	98.7	16518	.001	<.002			48.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 20 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. CORRECTIONS	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAu	Other A	ROD
3% Po + Py	76° 75° QTZ veins	154.5	156.0		QTZ 20	@ 154.9-155.3 SWARM OF QTZ VEINING ≤ 9cm wide	99.3	16519	.001	<.002			58.7
					BBP/KP	<u>156.0-171.0.</u> MODERATE TO STRONG BANDING OF SILTY LAYERS + QTZ VEINLETS. KNOTS THROUGHOUT MOST OF UNIT. LOCALLY BCP NEAR QTZ SWARMING.							
	50 255	156.0	157.5		QTZ 1	locally well banded.	96.0	16520	.001	<.002			68.0
		157.5	159.0		QTZ 3	bands of fine pyrophyllite @ 75° CA - QTZ stringers + veinlets ≤ 1cm throughout locally folded	97.3	16521	.006	<.002			36.0.
		159.0	160.5		QTZ 2	158-159.5 subparallel QTZ stringers @ 80° CA.	98	16522	.001				66
2% po, py		160.5	162.0		QTZ 3	QTZ stringers + veinlets ≤ 3cm	92	16523	.001				58.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-109

 SHEET No. 21 of 22

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						ME Au	Other A	MAU	ROD
		162.0	163.5		QTZ 2	- slot bands ≤ 1 cm	98	16529.001				78
		163.5	165.0		QTZ 12	- Stringers/veinlets over the entire interval - 164.5-165 m - a swarm of QTZ veins ≤ 4 m wide	100	16525.004				96.7
		165.0	166.5		QTZ 2	QTZ stringers/veinlets crenulated locally by S2	99.3	16526.001				85.3
		166.5	168.0		QTZ 3	- bottom half well banded by Slat + QTZ ≤ 1 cm.	94	16527.001				40.7
		168.0	169.5		QTZ 3	- Creamy mineral replacing host at edges. - Intermittently well banded - QTZ stringers follow S1.	100.7	16528.001				63.3
		169.5	171.00		QTZ 2	same as above	101.3	16529.003				51.3
				BBP/BCP		171.0 - 178.4 - regularly QTZ veined - several zones of gouge + rubble (rock shards) - extremely graphitic open veins + in sheared broken area.						

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. 90-110

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
146m	-51°	045°

 Hole Size HQ
 Angle of Hole -60°
 Claim
 Section
 Bearing 045°

 Total Depth 149.7
 % Recovery 95.6
 Elev. Collar 1538.2m
 Latitude -34.7.309
 Departure 6053.070

 Sheet No 1 of 19
 Logged by M. SCHAFFER
 Date Begun JULY 12, 1990
 Date Finished JULY 22, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		0	18.0	OVB		-PREDOMINANTLY SLST RUBBLE						
				SLST/KP		<u>18.0-24.9</u>						
						UNIT CONSISTS PREDOMINANTLY OF SLST THAT IS LOCALLY BANDED. LOCALLY THE SLST IS FAIRLY POROUS AND COARSE GRAINED - GRADING INTO SANDSTONE. INTERBEDDED KP WITH ONE SHARP CONTACT NOTED @ 75° TO C/A. LOCALLY LIMONITIC.						
		18.0	19.5		QZ 7	- @ 18.6 10cm WIDE VUGGY, LIMONITIC QZ VEIN.	73.3	16574	.001			10.0
						- @ 18.3 SLST WITH INTERBEDDED BLACK PHYLLITE						
		19.5	21.0			- KP OVER MOST OF INTERVAL	81.3	16575	.001			55.3
						- @ 19.8-20.3 MICROFOLDS, CRENULATIONS, AND TENSION GASHES						
						- S1 AND S2 FAINT						
		21.0	22.5		QZ 1	- CONTACT BETWEEN KP AND SLST	90.7	16576	.001			40.7
		22.5	24.0		QZ 1	- @ 22.5-22.7 WELL BANDED SLST	85.3	16577	.018	<.002		34.0
						- LOCALLY SLST FAIRLY COARSE-GRAINED AND POROUS						

BANDING

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 2 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	ROD
				KP		<u>24.9 - 28.7</u>							
						WELL KNOTTED, LOCALLY SILTY BANDS ≤ 3CM WIDE. LOCALLY LIMONITIC.							
		24.0	25.5			QTZ 3 - @ 24.0 - 24.9 SILTY LOCALLY BANDED AND FAIRLY COARSE GRAINED AND POROUS - KP REST OF INTERVAL	91.3	16578	.001	<.002			47.3
		25.5	27.0			QTZ 7 - @ 26.1 6 CM WIDE QTZ LENS - @ 26.25 5cm WIDE QTZ VEIN - LOCALLY MICROFOLDED QTZ VEINETS	90.7	16579	.001	<.002			89.0
		27.0	28.5			QTZ 23 - BANDED AT TOP OF INTERVAL - @ 27.22 - 28.5 QTZ VEININGS ≤ 16 CM WIDE; TRACE VUGS AND CHLORITIC	97.3	16580	.001	<.002			86.7
		28.5	30.0			QTZ 12 - @ 28.5 - 28.7 QTZ VEINS ≤ 9 CM WIDE - LOCALLY SILTY BANDS - @ 29.2 - 29.8 CRENULATIONS, MICROFOLDS, AND TENSION GASTES	94.0	16581	.001	<.002			78.7

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 95-110

SHEET No. 3 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVER Y	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
						<u>KP/BOP/SLST - 28.7-42.0</u>						
						Moderately to well kinked over most of unit with bands ≤ 2 cm wide, interbedded SLST ≤ 13 cm wide, locally, intermittent deformation zones throughout unit			NOTE: SLST IS COARSE GRAINED/ POLYUS LOCALLY			
		30.0	31.5		QTZ 1	- CRENNULATIONS LOCALLY - WEAK TO MODERATE BANDING	95.3	16582.001				64.0
		31.5	33.0		QTZ 3	- @ 32.0 MODERATELY DEVELOPED TENSION GASHERS - @ 31.7 4 cm WIDE QTZ VEIN	98.0	16583.001				82.7
		33.0	34.5			- SILTY BANDS AND LIGHT GRAY ALTERATION BANDS THAT HAVE BEEN CRENNULATED	92.7	16584.001				95.3
		34.5	36.0		QTZ 2	- SAME AS ABOVE	96.7	16585.001				84.0
		36.0	37.5		QTZ 13	- @ 36.0 17 cm WIDE QTZ VEIN WITH BCP ADJACENT TO IT - SLST BEDS ≈ 8 cm WIDE OCCURRING INTERMITTENTLY OVER REST OF INTERVAL	100	16586.001				92.0

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-110

SHEET No. 4 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RGD	
						- MODERATELY DEVELOPED TENSILE GASHES LOCALLY								
TR-1% DISS PY CUBES	65° 70° 51 50+ BANDS	37.5	39.0		QTZ 3	- WELL BANDED - ≤ 9 cm WIDE SLST BEDS LOCALLY - @ 37.85-37.97 CP AND LMST - TR BCP	100	16587.001						84.0
		39.0	40.5		QTZ 19	- INTERMITTANT SLST BEDS, ≤ 6 cm WIDE - @ 40.2-40.45 QTZ VEIN WITHIN SLST	100	16588.001						60.7
		40.5	42.0		QTZ 1	- TRACKS OF PORPHYROBLASTS AND LIGHT GREY ALTERATION (DOLOMITE) RANDOMLY ORIENTED	98.0	16589.002						88.0
					LMST/CP	<u>42.0-43.5</u>								
	90° 90° BANDS	42.0	43.5			- BLACK MASSIVE LMST MOST OF INTERVAL WITH CP @ TOP AND BOTTOM - 3% CARBONATE VEINS	97.3	16590.001						77.3

DIAMOND DRILL RECORD

 PROPERTY FRASERBOLD

 HOLE No. 90-110

 SHEET No. 5 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	RD	
						<u>BBP/KP/GP 43.5-46.5</u>							
						WELL BANDED MOST OF UNIT BANDS \leq 2 cm WIDE. KNOTTED THROUGHOUT EXCEPT FOR LOCAL BEDS OF GP \leq 17 cm WIDE. MINOR BCP							
	50° 52	43.5	45.0		/	@ 44.6 20 cm RED GP (GREY PHYLLITE)	97.3	16591	.001				80.0
		45.0	46.5		/		96.0	16592	.001				54.0
						<u>KP/BCP/BBP 46.5-63.0</u>							
						WELL KNOTTED OVER MOST OF UNIT. BCP OCCURRING IN AND AROUND QTZ VEINS. LOCALLY BANDED							
	70 51	46.5	48.0			QTZ 21 - SWARM OF QTZ VEINING \leq 18 cm WIDE, TR VUGGY	86.0	16593	.001				78.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 6 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	CA	Other	MAu	A	RQD
	70° 51	48.0	49.5		QTZ 15	- QTZ VEINING \approx 10 cm WIDE - @ 49.0 - 49.9 INTERBEDDED SLST WITH QTZ VEINING	86.3	16599	.001					82.0
		49.5	51.0		QTZ 1	- QTZ STRINGERS/VEINLETS	88.7	16595	.001					74.7
1% DISS + STRINGER PY	60° 70° 51	51.0	52.5		QTZ 1		100	16596	.001					90.7
		52.5	54.0		QTZ 1	- MINOR DEFORMATION BOTTOM PART OF INTERVAL	96.0	16597	.007					80.0
	60° RAVINS	54.0	55.5		QTZ 22	- QTZ VEINING \approx 14 cm WIDE - TR VUGGY IN AND AROUND QTZ VEINS	96.7	16598	.003					58.0
		55.5	57.0		QTZ 7	- @ 55.7 10 cm WIDE QTZ VEIN	98.7	16599	.001					82.7
		57.0	58.5		QTZ 3	- @ 58.45 5 cm WIDE QTZ LENS	100	16600	.001					90.7
		58.5	60.0		QTZ 9	- @ 59.5 - 60.0 QTZ VEINING \approx 3 cm WIDE	97.3	16601	.001					74.0

DIAMOND DRILL RECORD

 PROPERTY FRASERSGOLD

 HOLE No. 90-110

 SHEET No. 7 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						Au		MAu	Other A	RQD	
		60.0	61.5		QTZ 1		98.3	16602	.001					62.7
	65° 51°	61.5	63.0		—	- FOLIATION FAINT - MICROFOLDED QTZ STRINGERS LOCALLY	97.3	16603	.001					82.0
					BCP/BBP/KP	<u>63.0 - 70.5</u> QTZ VEINING OVER MOST OF UNIT WITH QTZ VEINS AND BANDS OF LIGHT GREY ALTERNATING MINERAL (CARBONATE) FORMING THE BANDING. BCP IN VICINITY OF VEINING. KP LOCALLY.								
		63.0	64.5		QTZ 13	- @ 63.9- 64.5 SWARM OF QTZ VEINING ≤ 7cm WIDE - VEINS TRACE CHLORITIC AND MUGGY	96.0	16604	.001	<.002				97.0
	85°-70° QTZ VEINS	64.5	66.0		QTZ 7	- INTERMITTANT SWARMS OF QTZ VEINS/ROLLS OVER-INTERVAL ≤ 2cm WIDE - FOLIATION FAINT - LOCALLY MICROFOLDS	100	16605	.001	<.002				85.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 8 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RD
	60° QZ VEIN S1	66.0	67.5		QZ 4	- @ 67.2-67.5 MINOR QZ VENING ≤ 3 CM WIDE - @ BOTTOM OF INTERVAL LENSES OF LIGHT GREY MINERAL (ANKERITE?)	100	16606	.001	<.002		88.7
VG?, TR CPY		67.5	69.0		QZ 37	- SWARM OF QZ VEINING, ≤ 7 CM WIDE, OVER INTERVAL - BANDS/LENSES OF ANKERITE - QZ VEINS TRACE CHLORITE AND VUGGY - @ 68.6 VISIBLE GOLD?	96.0	16607	.001	<.002		78.3
	55-70 S1 BANDS S2	69.0	70.5		QZ 9	- INTERMITTANT QZ VEINING ≤ 4 CM WIDE; VUGS CONTAINING MODERATELY DEVELOPED CRYSTALS	98.0	16608	.001	<.002		41.3
					KP/BBP	<u>40.5-82.5</u> WELL KNOTTED WITH WEAK TO MODERATE BANDING. BANDS COMPOSED PREDOMINANTLY OF LIGHT GREY ALTERATION (ANKERITE) AND TO A LESSER DEGREE OF SILTSTONE AND BCP						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 11 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RAD
	70-75 QTZ VEINLETS + BANDS	87.0	88.5		QTZ 1	- LOCALLY MICROFOLDS AND CRENULATIONS - S ₂ FAINT	100	16620	.001			30.0
		88.5	90.0		QTZ 1	- BROKEN CORE - RUSTY, LIMONITIC WEATHERING - PREDOMINANTLY KP	100	16621	.005			0
	75 S ₂	90.0	91.5			- @ 90.2 15 cm WIDE BED OF CALCAREOUS PHYLLITE/SILTSTONE WITH GRAPHITIC PARTINGS - @ 90.9 24 cm WIDE BED OF CP/CS	92.7	16622	.001			56.0
	85 S ₂	91.5	93.0		QTZ 1	- WELL BANDED SLT AND PHYLLITE	98.7	16623	.001			38.0
					<u>BOP/SLT/BCP 93.0-102.0</u>							
						WELL BANDED WITH SILTY BEDS ± 13 cm WIDE QTZ VEINING THROUGHOUT UNIT WITH VEINS ± 14 cm WIDE. BCP AROUND QTZ VEINS. LIGHT GREY ALTERATION MINERAL (ANKERITE) LOCALLY.						

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-110

SHEET No. 14 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RQD
	25 / 51	108.0	109.5		QTZ 3	- MINOR QTZ VEINING \leq 2 cm WIDE @ TOP OF INTERVAL	96.0	16634	.001				4.0
					<u>BBP/BCP/SLST</u>	<u>109.5-120.0</u>							
						BANDING OF MILLED PORPHYROBLASTS, QTZ VEINLETS, SILTY LAYERS, AND ANKERITE. BCP PROXIMAL TO QTZ VEINS. GREY AND BLACK SLST BEDS \leq 24 cm WIDE. CP/CS AND KP LOCALLY.							
1% P ₂ & P ₄	25 / BANDS	109.5	111.0		QTZ 11	- @110.0, 17 cm WIDE QTZ VEIN WITH TRILITE AND SERICITE ON PARTINGS	100	16635	.002				87.3
		111.0	112.5		QTZ 3	- MINOR DEFORMATION @ 111.0-111.2	96.7	16636	.001				87.3
		112.5	114.0		QTZ 3	- @113.43-114.0 CP/CS WITH INTERBEDDED BLP	100	16637	.001				69.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 16 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
						SILICIFICATION WITH KNOTS OBLITERATED AND TRACKS OF PO ² REMAINING. LOCALLY BROKEN RUBBLY CORE WITH MINOR GOUGE - SHEAR ZONE						
	S ₁ / 45°	120.0	121.5		QTZ 7	- @ 121.22 11 cm WIDE QTZ VEIN, TR VUGGY - FOLIATION FAINT	98.0	16692.001				98.0
BANDS	S ₂ / 50°	121.5	123.0		QTZ 6	- @ 121.60 8 cm WIDE QTZ VEIN	100	16693.001				92.7
	S ₁ / 70°	123.0	124.5		—	- WELL KNOTED	97.7	16694.001				93.0
	BANDS / 80°	124.5	126.0		—	- BANDS OF PORPHYROBLASTS ± 5cm	100	16695.001				98.0
	S ₁ & BANDS / 70°	126.0	127.5		QTZ 1	- MICRO FOLDED QTZ VEINLETS LOCALLY	95.3	16696.001				86.0
		127.5	129.0		—	- @ 128.6 WEAK TENSION GASHES - SAME AS ABOVE	97.7	16697.001				97.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-110

 SHEET No. 17 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME ^{FA} Au	BC	MAU	Other A	RQD
	10° BANDS S ₁	129.0	130.5			- LOCALLY MICROFOLDS AND CRENULATIONS - S ₂ WEAK	99.3	16648	.001				99.3
		130.5	132.0		QTZ 3	- INTERMITTANT QTZ VEINING OVER INTERVAL ≤ 2 cm WIDE - @ 131.45 - 131.57 STRONG SILICIFICATION - SAME AS ABOVE	100	16649	.001				100
	50-55° S ₂	132.0	133.5		QTZ 2	- LOCALLY MICROFOLDS AND CRENULATIONS	99.3	16650	.001				97.3
	70° QTZ VEINLETS/BANDS	133.5	135.0		QTZ 2	- MINOR QTZ VEINING ≤ 2 cm WIDE - SAME AS ABOVE	100	16651	.001				98.7
	45° S ₂	135.0	136.5		QTZ 2	- @ 135.0 - 136.1 STRONGLY SILICIFIED - @ 135.34 - 135.9 RUBBLE - FOLIATION FAINT	70.0	16652	.001				30.7
	50° S ₂	136.5	138.0			- BROKEN RUBBLY CORE	88.7	16653	.001				21.7
		138.0	139.5		QTZ 12	- BROKEN CORE OVER INTERVAL - @ 138.0 - 139.1 RUBBLE AND MINOR GOUGE - @ 138.83 1/2 cm WIDE QTZ VEIN, TR WGS AND CHLORITE	84.0	16654	.001	<.002			52.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-110

 SHEET No. 18 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	RE	MAU	Other A	ROD
		139.5	141.0		QTZ 3	- S2 FAINT - @140.17-140.66 STRONG SILICIFICATION - GHOSTS OF KNOTS REMAINING - MICROFOLDS AND CRENULATIONS	100	16655	.001	.003			78.0
					BBP/BCP/KP	<u>141.0-145.5</u> INTERMITTANT QTZ VEINING OVER UNIT WITH BCP PROXIMAL TO VEINS. BANDING OVER MOST OF UNIT WITH KNOTS GENERALLY PRESENT.							
	50-70° / 52 55° AXIAL PLANE	141.0	142.5		QTZ 18	- QTZ VEINING, ≤ 21 cm WIDE, OVER INTERVAL - @ 141.93, 21 cm WIDE QTZ VEIN - LOCALLY MICROFOLDS - '2' FOLDS	89.3	16656	.076	.102			81.3
	70° / BANDS # 51	142.5	144.0		QTZ 3	- @ 143.85-144.0 DEFORMATION ZONE WITH QTZ VEINING ≤ 3 cm WIDE WITH DOLOMITE CLOTS - WEAK '2' FOLD	100	16657	.023	.045			96.0

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. 90-111

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
132.6 m	-53.5°	045°

 Hole Size HQ
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

 Total Depth 150.6 m
 % Recovery
 Elev. Collar 1521.6 m
 Latitude -371.692
 Departure 6239.713

 Sheet No 1 of 21
 Logged by M. SCHATEN
 Date Begun JULY 23/90
 Date Finished JULY 25/90
 Core Stored At BASE CAMP


TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS						
		TO	FROM						ME	BC	MAu	Other A	Other B		
		0	3.2		OVB										
					<u>KP/BBP</u>	<u>3.2 - 22.5</u>									
						LIMONITIC, BROKEN, RUBBLY CORE. VULGARY FROM 3.2-12.9M. KNOTTED OVER MOST OF UNIT. INTERMITTANT BANDING, QTZ VEINING AND DEFORMATION. CP LOCALLY.									
		3.2	4.5		/	SILICIFIED - MICROFOLDED BANDS AND BANDS OF ANKERITE									70.8
	50°	4.5	6.0		QTZ 5	- MINOR QTZ VEINS ≤ 5 cm WIDE - LOCALLY CRENNELLATIONS AND MICROFOLDS									19.3
	50°	6.0	7.5		QTZ 20	- @ 6.2 5 cm WIDE SLST BED - @ 7.0-7.5 QTZ VEINS ≤ 12 cm WIDE									24.7
		7.5	9.0		QTZ 10	- @ 7.5-7.7 QTZ VEINS ≤ 10 cm WIDE - LOCALLY STRONG SILICIFICATION AND DEFORMATION - KNOTS WEAK TO ABSENT									26.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 2 of 21

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		9.0	10.5		QTZ 1B	- @ 9.9-10.5 QTZ VEINS \leq 9cm WIDE - MICROFOLDS AND CRENULATIONS RANDOMLY ORIENTED	84.0	16666	.001			10.0
	75-80° BANDS	10.5	12.0		/	- WEAK BANDING OF SILICIFIED STRINGERS/VEINLETS - KNOTS ELONGATED	85.3	16667	.001			20.7
	S ₁ / 50° / S ₂ 70°	12.0	13.5		QTZ 1D	@ 12.0-12.9 INTERMITTANT QTZ VEINING \leq 8cm WIDE - KNOTS ELONGATED	80.0	16668	.001			28.0
	70° BANDS + S ₁	13.5	15.0		QTZ 1	- KNOTS ELONGATED IN SAME ORIENTATION AS BANDS - @ 14.5-15.0 DEFORMATION ZONE - TENSION GASHES	98.7	16669	.001			68.7
												
	70° S	15.0	16.5		/	- @ 16.2-16.5 STRONG SILICIFICATION - LIGHT GREY CORE	96.7	16670	.001			73.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 3 of 21

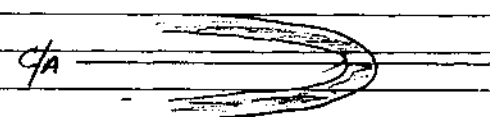
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
BANDS	80°	16.5	18.0		QTZ 9	- @ 17.5-18.0 QTZ VEINING ≤ 9 CM WIDE - @ 17.8-18.0 BED OF CS	94.0	16671	.001				31.3
	51												
BANDS	75°	18.0	19.5		QTZ 1	- @ 18.0-18.6 CS/CP - PY REPLACING BANDS LOCALLY	90.0	16672	.001				42.0
BANDS	55°	19.5	21.0			- MICROFOLDS AND CRENNULATIONS ALONG LIMBS OF FOLD	89.3	16673	.001				60.7
	52												
		21.0	22.5		QTZ 17	- @ 21.6, 17 CM WIDE QTZ VEIN - @ 21.8, 6 CM WIDE CP BED - LOCALLY KNOTS ELONGATED	92.0	16674	.002				52.0
					BCP/BBP/KP	<u>22.5-37.5</u> BROKEN, RUBBLY CORE. QTZ VEINING OVER UNIT. WEAK TO MODERATE BANDING. WELL KNOTTED LOCALLY.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 4 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
1% P ₄ + P ₆		22.5	24.0		QTZ 7	- @ 22.5-22.75 TRACKS OF PORPHYROBLASTS AND ANKERITE ALIGNED IN A FOLD	93.3	16675	.001			52.7
												
						- @ 23.2 11 cm WIDE QTZ VEIN						
2% P ₄ + P ₆	75-80° QTZ VEINS 70° BANDS	24.0	25.5		QTZ 23	- QTZ VEINING, OVER INTERVAL, ≤ 9 cm WIDE; TR CHLORITE - LOCALLY STRONGLY SILICIFIED BANDS	100.7	16676	.001			63.3
2-3% P ₀ + P ₄		25.5	27.0		QTZ 7	- @ 25.5-25.7 STRONG SILICIFICATION - @ 25.9-27.0 QTZ VEINING ≤ 3 cm WIDE	93.3	16677	.002			70.0
	75° Si + BANDS	27.0	28.5		QTZ 1	- BANDS OF FINE PORPHYROBLASTS	86.0	16678	.001			63.7
		28.5	30.0			- VERY RUBBLY CORE - LIMONITIC WEATHERING - STRONGLY SILICIFIED	35.3	16679	.001			4.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 5 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BL	MAu	Other A	RQD
	70° QTZ VEIN	30.0	31.5		QTZ 20	- QTZ VEINING ≤ 8 CM WIDE OVER INTERVAL; TR CHLORITIC - STRONG SILICIFICATION LOCALLY	80.7	16680	.001				46.0
2% P ₂ O ₅ + P ₄ , TR CPY	55-70° BANDS, SI, QTZ VEINS	31.5	33.0		QTZ 48	- QTZ VEINING ≤ 14 CM WIDE; MODERATELY CHLORITIC AND VUGGY, OFTEN SEAMED BY BCP - STRONG SILICIFICATION BETWEEN QTZ VEINS - KNOTS BEING REPLACED BY ALTERATION MINERAL	98.7	16681	.006				24.7
	70° SI	33.0	34.5		QTZ 1	- LIMONITIC AND RUSTY WEATHERING - @ 34.3-34.5 SILTITE	94.0	16682	.001				43.3
	80° QTZ VEINS	34.5	36.0		QTZ 5	- LIMONITIC AND RUSTY WEATHERING - @ 34.5-34.6 SILTITE - MICROFOLDED BANDS OF ANKERITE	100	16683	.001				25.3
	65° QTZ VEINS	36.0	37.5		QTZ 15	- @ 36.0-37.05 QTZ VEINING ≤ 5 CM WIDE - SAME AS PREVIOUS INTERVAL	90.6	16684	.001				42.6

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 6 of 21

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	RQD	
						- @ 37.35-37.5 STRONG SILICIFICATION							
					KP/BBP	<u>37.5-42.0</u>							
						WELL KNOTTED, LOCALLY BANDS ≤ 2cm WIDE OF STRONG SILICIFICATION & BROKEN, RUBBLI CORE OVER MOST OF UNIT. SLST LOCALLY							
	50° S1F BANDS S2	37.5	39.0	QTZ 1		- STRONGLY SILICIFIED OVER MOST OF INTERVAL WITH GHOSTS OF PORPHYROBLASTS REMAINING. - @ 38.5-39.0 PORPHYROBLASTS ELONGATED IN DIRECTION OF FOLIATION	81.3	16685.001				21.3	
	50° S2	39.0	40.5	QTZ 3		- LOCALLY MICROFOLDS AND CRENULATIONS	88.0	16686.001				30.7	
	85° BANDS	40.5	42.0			- AS ABOVE - FOLIATION FAINT	100	16687.002				100	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 7 of 21


TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS						
		FROM	TO						ME	FA	BC	MAu	Other A	RD	
					BCP/KP.	<u>42.0-45.0</u>									
						QTZ VEINING OVER UNIT, BROKEN, RUBBLY CORE. TR GOUGE. KNOTS PRESENT LOCALLY									
		42.0	43.5		QTZ 20	- QTZ VEINING OVER INTERVAL, ≤ 12 cm WIDE - FOLIATION FAINT	96.7	16688	.001						36.7
TR CP4		43.5	45.0		QTZ 23	- QTZ VEINING OVER INTERVAL, ≤ 15 cm WIDE - TR GOUGE	92.0	16689	.001						15.3
					KP	<u>45.0-51.0</u>									
						WELL KNOTTED, LOCALLY BANDED, BROKEN CORE									
	65P 51	45.0	46.5		QTZ 1	- FOLIATION FAINT	93.3	16690	.001						29.3
		46.5	48.0		—	- LOCALLY MICROFOLDED QTZ STRINGERS	89.3	16691	.001						65.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 8 of 21

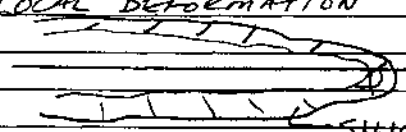
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 51	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
	51	48.0	49.5		QTZ 2	- DISTORTED - LOCALLY SILICIFIED BANDS AND MICROFOLDED QTZ VEINLETS	100	16692	.001				60.7
		49.5	51.0		QTZ 5	 - QTZ VEIN	93.3	16693	.001	.006			72.7
					BCP/BBP/KP	<u>51.0-60.0</u> - QTZ VEINING OVER MOST OF UNIT. LOCALLY, LIGHT GREY STRONGLY SILICIFIED BANDS ≤ 2cm WIDE. KNOTS PRESENT WHERE SILICIFICATION HASN'T OBLITERATED THEM. BROKEN CORE OVER MOST OF UNIT							
	51	51.0	52.5		QTZ 11	- QTZ VEINING OVER INTERVAL ≤ 4cm WIDE - MICROFOLDED FINE ALTERATION BANDS	92.0	16694	.012				45.3
3% P ₄ + P ₀		52.5	54.0		QTZ 35	- QTZ VEINING ≤ 23 cm WIDE - @ 52.6 23 cm WIDE QTZ VEIN - VEINS SERICITE, CHLORITE, AND JUGGY	99.3	16695	.001				64.7

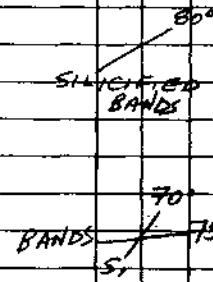
DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-111

 SHEET No. 9 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	R0D
		59.0	55.5		QTZ 3	- LOCAL DEFORMATION  - C/A SILICIFIED BAND WITH WEAK TENSION GASKES - MINOR CARBONATE VEINS ≤ 1cm WIDE - QTZ VEINS HIGHLY CONTORTED - SILICIFIED BANDS RANDOMLY ORIENTED	100	16696	.001			36.7
		55.5	57.0		QTZ 6	- QTZ VEINING HIGHLY CONTORTED	96.0	16697	.001			61.3
		57.0	58.5		QTZ 5	- FOLIATION FAINT	99.3	16698	.001			34.0
		58.5	60.0			- @ 59.4-60.0 FINE BANDING OF ANKERITE	100	16699	.001			32.0
					KP	<u>57.0-70.5</u> WELL KNOTTED OVER MOST OF UNIT. SILICIFIED BANDS ≤ 8cm WIDE. MINOR TUFF? LOCALLY.						



DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-111

 SHEET No. 10 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	R.O.D
	70° BANDS	60.0	61.5		QTZ 14	- @ 60.5-61.5 QTZ VEINING ≤ 13 CM WIDE - MINOR DEFORMATION BOTTOM OF INTERVAL	96.7	16700	.002			46.7
		61.5	63.0		QTZ 2	- FOLIATION FAINT - BROKEN CORE	100	16701	.001			48.0
	50° S ₂	63.0	64.5		QTZ 3	- @ 63.0-63.25 RUBBLY SILTITE BED - LOCALLY MICROFOLDED QTZ VEINLETS	99.7	16702	.003			74.7
	80° 70° QTZ VEIN S ₁ S ₀	64.5	66.0		QTZ 13	- @ 65.2-66.0 QTZ VEINING ≤ 11 CM WIDE - @ 65.3 18 CM WIDE BED OF TUFF? WITH QTZ VEINS - LOCALLY MICROFOLDS	100	16703	.001			87.3
		66.0	67.5			- LOCALLY STRONG SILICIFICATION - ANKERITE FORMING SCATTERED PACKS ALONG CORE	100	16704	.001			96.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 11 of 21

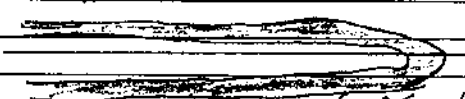
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 75°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	ROD
	75°	67.5	69.0		QTZ 3		100	16705	.001			97.3
	BANDS 70° 80°	69.0	70.5		—	- @69.1, 25 cm WIDE BED OF C.S. - BANDS OF WEAK SILICIFICATION	100	16706	.001			92.7
	75° BANDS											
					<u>BBP/BSP/KP</u>	<u>69.0-100.5</u>						
						QTZ VEINING OVER UNIT. BANDS COMPOSED OF GRAPHITIC PHYLLITE AND QTZ VEINS. LOCALLY BANDS OF STRONG SILICIFICATION AND CALCAREOUS SLST. CORE APPEARED LIGHT GREY DUE TO DOLOMITIC? ALTERATION.						
1-2% P ₉ + P ₀		70.5	72.0		QTZ 7	- @71.6-72.0 QTZ VEINING ± 5 cm WIDE - MINOR SILTY LAYERS	94.7	16707	.001			77.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 12 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	RQD	
						- FINE TENSION GASHES AT 70.6 (TR VUGGY, CHLORITIC, & SERICITIC)							
	40° / 30° / QTZ VEINS BANDS	72.0	73.5		QTZ 37	- QTZ VEINING OVER INTERVAL - @ 73.16 23 CM WIDE QTZ VEIN - @ 72.0 - 72.5 STRONGLY SILICIFIED LIGHT GREY BAND - @ 73.45 5 CM WIDE BED OF TUCC?	100	16708	.001				84.0
TR CPY		73.5	75.0		QTZ 11	- @ 73.5 - 73.96 QTZ VEINING ≤ 10 CM WIDE; VEINS CHLORITIC AND SERICITIC - @ 74.0 W/RY TENSION GASHES	93.3	16709	.001				87.3
TR CPY	70° / 51	75.0	76.5		QTZ 7	- QTZ VEINS ≤ 5 CM WIDE @ 75.7 5 CM WIDE QTZ VEIN AT 15° TO C/A, EXTENDING FOR 60 CM	100	16710	.001				65.7
						c/a  QTZ VEIN							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 13 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
	65° 70° / 50 QZ VEINS	76.5	78.0		QZ 7	- QZ VEINING ≤ 3 cm WIDE - TR CS - PALE GRAY SILICIFIED BANDS	89.0	16711	.001			50.7
2% P ₄ AS BLEBS + STRINGERS	75° / 50 QZ VEINS	78.0	79.5		QZ 14	- QZ VEINING ≤ 5 cm WIDE OF INTERVAL; TR SERICITIC ADD CHLORITIC	91.0	16712	.001			78.3
		79.5	81.0		QZ 11	- QZ VEINING ≤ 8 cm WIDE - LOCALLY SILICEOUS BANDS ≤ 8 cm WIDE @ 75° TO C/A	96.0	16713	.001			78.7
2% P ₄ + P ₂ TR CPY		81.0	82.5		QZ 19	- QZ VEINING OVER INTERVAL ≤ 5 cm WIDE RANDOMLY ORIENTED, TR SERICITE	100	16714	.001			80.7
	80° / 50	82.5	84.0		QZ 5	- QZ VEINING ≤ 3 cm WIDE - @ 83.16 9 cm WIDE BED OF CS - TOP OF INTERVAL FLOODED BY ANKERITE	98.0	16715	.001			86.3
		84.0	85.5		QZ 5	- QZ VEINING ≤ 3 cm WIDE - @ 84.46 13 cm WIDE BED OF CS - LOCALLY SILTITE BEDS ≤ 3 cm	89.3	16716	.001			44.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 14 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				RQD
		FROM	TO						ME	Ag	MAU	Other A	
2% Po + Py TR CPY	70° Si + Qtz veins	85.5	87.0		QTZ 10	- QTZ VEINING, ≤ 5 cm WIDE, OVER INTERVAL; TR CHLORITIC AND SERICITIC	99.7	16717	.001				65.0
1-2% Po + Py TR CPY		87.0	88.5		QTZ 30	- QTZ VEINING OVER INTERVAL ≤ 17 cm WIDE; TR CHLORITIC AND SERICITIC - @ 87.5 11 cm WIDE BED OF CS	100	16718	.010				67.0
	10-65° Si	88.5	90.0		QTZ 5	- WELL KNOTTED MOST OF INTERVAL	99.7	16719	.001				92.7
1-2% Po + Py TR CPY	75° Qtz vein	90.0	91.5		QTZ 37	- QTZ VEINING ≤ 24 cm WIDE; CHLORITIC AND SERICITIC - @ 91.07 20 cm WIDE VEIN - @ 91.29 24 cm WIDE QTZ VEIN	95.0	16720	.006				95.0
	70° 80° Si Qtz vein	91.5	93.0		QTZ 8	- @ 91.5-91.77 QTZ VEINS ≤ 7 cm WIDE; CHLORITIC, SERICITIC, AND TR VUGS	100	16721	.001				94.7
	70° Qtz vein	93.0	94.5		QTZ 27	- @ 93.0-93.9 BED OF CP/CS - @ 93.9 28 cm WIDE QTZ VEIN; TR CHLORITIC AND SERICITIC	94.7	16722	.005				73.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 15 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	FA	BC	Other A	ROD
		94.5	96.0		QTZ 6	- QTZ VEINING ≤ 2cm WIDE	97.3	16723	.001				66.7
1-2% P ₄ + P ₂ , TR CPY, TR NATIVE COPPER	70°	96.0	97.5		QTZ 25	- QTZ VEINING ≤ 18 cm WIDE; TR CHLORITIC, SERICITIC, VUGGY - MINOR LOCAL DEFORMATION - @ 97.48 TR NATIVE COPPER	96.3	16724	.001				83.3
2% P ₂ + P ₄ , TR CPY, TR SPHALERITE		97.5	99.0		QTZ 5	- QTZ VEINING ≤ 5cm WIDE, TR VUGGY	100	16725	.001				89.0
		99.0	100.5		QTZ 10	- QTZ VEINING ≤ 9cm WIDE, TR VUGGY, SERICITIC, CHLORITIC	94.7	16726	.001				65.7
					KP/BBP	100.5-117.0 PREDOMINANTLY KP. PALE GREY SILICIFIED BANDS AND FINE BANDS OF CREAMY/PALE GREY ALTERATION (SERICITE/ANKERITE) OVER MOST OF UNIT. LOCALLY QTZ VEINING							
	67°	100.5	102.0			- LOCALLY MICROEERDED QTZ STRINGERS AND FINE BANDS OF PORPHYROBLASTS	100	16727	.001				100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 16 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		102.0	103.5		QTZ 5	- QTZ VEINS ≤ 6 cm WIDE - FOLIATION FAINT	95.0	16728	.001			80.7
	70° QTZ Vein	103.5	105.0		QTZ 13	- QTZ VEINING ≤ 11 cm WIDE - DEFORMATION LOCALLY	96.0	16729	.001			70.3
		105.0	106.5		QTZ 4	- DEFORMATION OVER MOST OF INTERVAL - FOLIATION FAINT	98.7	16730	.001			81.6
	70° S ₁	106.5	108.0		—	- VERY FAINT CRENULATIONS	100	16731	.001			96.3
		108.0	109.5		QTZ 10	- QTZ VEINS ≤ 8 cm WIDE; TR SERICITIC AND VUGGY - S ₁ & S ₂ FAINT	100	16732	.001			82.3
	65° S ₁	109.5	111.0		QTZ 2	- SERICITE COATING FRACTURE SURFACES - LOCALLY MICROFOLDS	100	16733	.001			93.0
	80°	111.0	112.5		QTZ 1		93.6	16734	.001			70.3
	50° S ₂	112.5	114.0		QTZ 4	- POORLY DEVELOPED TENSION GASHES LOCALLY - MICROFOLDS AND CRENULATIONS	98.3	16735	.001			89.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 17 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BL	MAU	Other A	ROD
		114.0	115.5			- SAME AS ABOVE	98.0	16736	.001				82.0
	BANDS 30° 51 / 85°	115.5	117.0		QTZ 1	- MINOR MICROGOLDS - AT BOTTOM OF INTERVAL BANDS OF STRONG SILICIFICATION	100	16737	.001				78.0
					BBP/KP	<u>117.0-127.5</u> QTZ VEINING OVER UNIT. LOCALLY KP BETWEEN WIDER SPACED QTZ VEINS. PARTINGS HAVE STRONGER SHEEN - HIGHER GRADE METAMORPHISM?							
TR CP4	85° QTZ VEINS	117.0	118.5		QTZ 16	- QTZ VEINING ≤ 12 CM WIDE; CHLORITIC, SERICITIC, TR VUGGY	100	16738	.00				63.3
		118.5	120.0		QTZ 16	- QTZ VEINING ≤ 15 CM WIDE; SAME AS ABOVE - LOCALLY MICROGOLDS	100	16739	.001				100
2 1/2 POUT P4, TR CP4		120.0	121.5		QTZ 28	- QTZ VEINING ≤ 6 CM WIDE; SAME AS ABOVE - TRACKS OF ANKERITE?	99.3	16740	.001				97.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 18 of 21

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	Ag	MAU	Other A
	75-80 / QTZ VEINS	121.5	123.0		QTZ 32	- QTZ VEINING ≤ 21 CM WIDE; SAME AS ABOVE - @ 122.27 21 CM WIDE QTZ VEIN	100	16741	.001				100
	83° /	123.0	124.5		QTZ 12	- QTZ VEINING ≤ 10 CM WIDE - @ 123.27 - 123.5 INTERBEDDED CP - DEFORMATION LOCALLY; S1+ S2 FAINT	98.7	16742	.001				82.7
	75° / QTZ VEIN	124.5	126.0		QTZ 2A	- QTZ VEINING ≤ 13 CM WIDE; CHLORITIC, SERICITIC, TR VUGGY	100	16743	.008	<.002			92.0
		126.0	127.5		QTZ 13	- QTZ VEINING ≤ 6 CM WIDE; SAME AS ABOVE - LOCALLY MICROFOLDED QTZ STRINGERS/VEINLETS	100	16744	.001	.003			100
					ICP/KP/BBP	<u>127.5 - 133.5</u>							
						MODERATE TO STRONG BANDING, KP AND BBP LOCALLY DEFORMATION AND BROKEN, RUBBLY CORE LOCALLY, PARTINGS HAVE STRONG SHEEN.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 19 of 21

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				RQD
		FROM	TO						Au	Ag	MAu	Other A	
	60° BANDS	127.5	129.0		QTZ 1	- LOCALLY MICROFOLDED CALCAREOUS BANDS	100	16745	.001	.003			92.0
	90° QTZ VEIN	129.0	130.5		QTZ 13	- QTZ VEINS ≤ 17 cm WIDE - MICROFOLDS LOCALLY	98.0	16746	.002	<.002			90.7
3-5% Py, TR PO		130.5	132.0		QTZ 14	- QTZ VEINS ≤ 15 cm WIDE - MINOR DEFORMATION ZONE - @ 131.5-132.0 BROKEN, RUBBLY CORE	94.0	16747	.001				57.3
		132.0	133.5		QTZ 7	- QTZ VEINING ≤ 2 cm WIDE - BROKEN, RUBBLY CORE - LOCAL DEFORMATION	72.0	16748	.001				23.3
					CP/BBP	<u>133.5-145.5</u> WELL BANDED, LOCALLY BBP. QTZ VEINING OVER UNIT. CALCAREOUS BANDS VERY FINE.							
5% Py & PO AS BLEBS	65° QTZ VEIN	133.5	135.0		QTZ 31	- QTZ VEINING ≤ 13 cm WIDE; CHLORITIC, SERICITIC, TR VUGGY	92.7	16749	.001				39.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-111

 SHEET No. 20 of 21

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RD
	85°	135.0	136.5		QTZ 13	- QTZ VEINING ≤ 4 cm WIDE; TR CHLORITE, SERICITE, AND VUGS - @ 136.4 1 cm WIDE BED OF TUFF	96.7	16750	.001			87.3
2-3% Py & Po	80°	136.5	138.0		QTZ 18	- QTZ VEINING ≤ 4 cm WIDE; SAME AS ABOVE	99.3	16751	.001			82.7
		138.0	139.5		QTZ 3	- LOCALLY DEFORMATION ZONE, STRONG SILICIFICATION	100	16752	.001			90.0
3% Py & Po		139.5	141.0		QTZ 21	- QTZ VEINING ≤ 4 cm WIDE	100	16753	.001			94.0
	72°	141.0	142.5		QTZ 2	- DEFORMATION LOCALLY	98.0	16754	.001			95.3
2-3% Py, TR GALENA	BANDS & S,	142.5	144.0		QTZ 32	- QTZ VEINING ≤ 14 cm WIDE; TR SERICITE, CHLORITE, VUGS	100	16755	.001			100
3% Py & Po	65°	144.0	145.5		QTZ 19	- QTZ VEINING ≤ 9 cm WIDE; SAME AS ABOVE	98.7	16756	.003			64.7
					TUFF ? / SILICEOUS SEDIMENT ? / CP	<u>145.5 - 149.1</u> TUFF ? COMPRISED OF FINE BANDS OF SERICITE AND CHLORITE. PYRITE ALONG SELVAGES.						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-111

 SHEET No. 21 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	RC	AU	Other A	ROD
						GHOSTS OF PORPHYROBLASTS? / VOLCANICLASTIC?							
						QTZ VEINING OVER UNIT - FINE BANDED CS.							
	80°	145.5	147.0		QTZ 2	- QTZ VEINLETS SUB-PARALLEL TO PERPENDICULAR TO C/A.	100	16757.001					92.7
	BANDS												
3% Py, TR Po	75°	147.0	148.5		QTZ 23	- QTZ VEINING ≤ 10 CM WIDE; LUGGY, SERICITIC.	100	16758.001					94.0
	QTZ VEIN												
					BBP/CP	<u>149.1 - 150.6</u>							
						MODERATELY BANDED WITH INTERBEDDED CP. LOCALLY KNOTS.							
3-4% Py & Po	80°	148.5	150.6		QTZ 10	- QTZ VEINING ≤ 9 CM WIDE - LOCALLY MICROFOLDED QTZ VEINLETS	100	16759.001					67.1
	BANDS, QTZ VEINLETS												
						<u>150.6m END OF HOLE</u>							

DIAMOND DRILL RECORD 20547

Part 2
of 3

PROPERTY FRASER GOLD

HOLE No. 90-112

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
98.2	-54°	045°

Hole Size HQ
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

Total Depth 102.1
 % Recovery
 Elev. Collar 1531.8 M
 Latitude -442.736
 Departure 6815.025

Sheet No 1 of 14
 Logged by M. SCHATTEN
 Date Begun JULY 25/90
 Date Finished JULY 27/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	FA ASSAYS				RQD	
		TO	FROM						Au	CAu	MAu	Other A	Other B	
		0	4.3	OVB KP/BCP		<u>4.3-9.0</u> WELL KNOTTED OVER MOST OF UNIT. LOCALLY BCP. BROKEN, RUBBLY CORE. LIMONITIC AND RUSTY WEATHERING.								
		4.3	6.0	QTZ8		- @ 4.3 11 cm WIDE QTZ VEIN - CORE TR VUGGY - LOCALLY STRINGERS/TRACKS OF ANKERITE.	99.7	16760	.001					15.9
		6.0	7.5	QTZ4		- CORE TR VUGGY	90.0	16761	.001					11.3
		7.5	9.0	QTZ3		- LOCALLY, 5 cm WIDE BED OF CP	90.0	16762	.001					14.7
				CP/CS/KP		<u>9.0-12.0</u> PREDOMINANTLY CALCAREOUS BANDED PHYLLITE. LOCALLY CALCAREOUS SLT. MINOR KP AT TOP AND BOTTOM OF UNIT. LIMONITIC AND RUSTY WEATHERING. BROKEN, RUBBLY CORE.								
		9.0	10.5	QTZ 10		- QTZ VEINING ≤ 2 cm WIDE - @ 10.2 TR GOUGE	100	16763	.001					26.7

QTZ & CARBONATE VEINING

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 2 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		10.5	12.0		QTZ II	- QTZ VEINING \leq 9 cm WIDE - MINOR DEFORMATION	48.0	16764	.001			3.3
				KP	<u>12.0 - 25.5</u>							
						WELL KNOTTED OVER MOST OF UNIT WITH INTERMITTANT QTZ VEINING. LOCALLY, BROKEN, RUBBLY CORE WITH MINOR GOUGE. RUSTY, LIMONITIC WEATHERING. CORE TR. VUGGY.						
		12.0	13.5		QTZ 7	- KNOTS FAINT OVER INTERVAL	50.0	16765	.001			6.0
	20° 80° 51 QTZ VEIN	13.5	15.0		QTZ 17	- QTZ VEINING \leq 16 cm WIDE, TR. CHLORITIC, VUGGY	96.0	16766	.001			21.7
	65° FAULT	15.0	16.5		QTZ 9	- QTZ VEINING \leq 10 cm WIDE; EXTREMELY VUGGY AND OXIDIZED - @ 15.8-16.4 GOUGE AND RUBBLE - SHEAR ZONE	64.7	16767	.001			13.7
	65-70° 51	16.5	18.0		/	- LOCALLY MICROFOLDED QTZ STRINGERS	95.7	16768	.001			59.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 3 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		10.0	19.5		QTZ 3	- @ 18.46 5cm WIDE QTZ VEIN, TR SERICITIC, CHLORITIC - LOCALLY FRACTURES PARALLEL TO CIA	100	16769	.001			51.3
		19.5	21.0		—	- LOCALLY MICROFOLDED QTZ STRINGERS/VEINLETS - FOLIATION FAINT	100	16770	.001			74.0
		21.0	22.5		—	- FOLIATION FAINT	99.3	16771	.001			80.0
		22.5	24.0		—	- VERY STRONG RUSTY, LIMONITIC WEATHERING - LOCALLY CORE VUGGY - LOCALLY MICROFOLDED AND CRENULATED QTZ STRINGERS/ ALTERATION STRINGERS - S ₂ FAINT	95.0	16772	.004			58.7
		24.0	25.5		QTZ 1		90.7	16773	.001			52.0
					KP/BCP	<u>25.5 - 55.5</u>						
						WELL KNOTTED OVER MOST OF UNIT EXCEPT IN VICINITY OF QTZ VEINING WHERE BCP IS						

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 5 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	RQD	
	65° /	31.5	33.0		QTZ 5	- QTZ VEINS \leq 5cm WIDE - CORE TR JUGGY	91.7	16778	.004	.007			90.7
	70° /	33.0	35.0		QTZ 2	- LOCALLY SILTITE?/SILTY PHYLLITE?	100	16779	.011	<.002			84.6
	70° /	35.0	36.5	QTZ	QTZ 100	- SOLID QTZ VEIN; JUGGY, LIMONITIC, CARBONATE CLASTS (15%)	84.6	16780		.056			58.7
	80° /	36.5	37.5		QTZ 1	- KNOTS ABSENT TO FINE TO ELONGATED BANDS, LOCALLY REPLACED BY Po	100	16781	.041	.009			88.0
	80° /	37.5	39.0		QTZ 3	- QTZ VEIN 5cm WIDE WITH CARBONATE CLASTS	94.0	16782	.006	.004			48.0
		39.0	40.5		QTZ 4	- @ 38.2 RUBBLY CORE AND TR GOUGE FOR 10cm - LOCALLY MICACEOUS ALTERATION AND ANKERITE - QTZ VEINS \leq 5cm WIDE	89.3	16783	.003	<.002			50.0
1-2% DISS PY, TR Po		40.5	42.0		/	- LOCALLY MICROFOLDED QTZ STRINGERS	88.7	16784	.001				38.7
		42.0	43.5		QTZ 1	- SAME AS ABOVE - FOLIATION FAULT	91.3	16785	.001				48.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-112

 SHEET No. 6 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	RQD
		43.5	45.0		QTZ 3	- BROKEN, RUBBLY CORE - @ 44.7-44.88 FINE RUBBLE WITH TR GOUGE - TR MICROFOLDED ALTERATION (MICA) BANDS - FOLIATION FAINT	71.3	16786	.001			18.7
		45.0	46.5		QTZ 9	- QTZ VEINING \leq 3 CM WIDE CONTAINING CARBONATE CLASTS, TR SERICITE - MICROFOLDED QTZ STRINGERS/ VEINLETS	100	16787	.001			48.7
		46.5	48.0		QTZ 7	- QTZ VEINING \leq 3 CM WIDE CONTAINING CARBONATE CLASTS - LOCALIZED FINE BANDS OF PORPHYROBLASTS AND ALTERATION MINERALS (MICA) AND CRENULATIONS	95.3	16788	.001			91.7
		48.0	49.5		QTZ 4	- QTZ VEINING \leq 3 CM WIDE CONTAINING CARBONATE CLASTS	100	16789	.001			98.0
		49.5	51.0		QTZ 13	- @ 50.73-51.0 QTZ VEINS \leq 16 CM WIDE; TR KUGS AND CARBONATE CLASTS	94.0	16790	.001	<.002		90.7

65°
QTZ VEIN
51

50°
80°
BANDS
52

80°
QTZ STRINGERS/VEINLETS

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-112

 SHEET No. 7 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						AU	MAU	Other A	RQD
	77°	51.0	52.5		QTZ 9	- QTZ VEINING \leq 7cm WIDE WITH 30-80% CARBONATE CLASTS - @ 51.35-51.60 INTERBEDDED CP \leq 5cm WIDE - ANKERITIC ALTERATION OVER INTERVAL	100	16791	.044	.045		100
1-2% Py + Po AS STRINGERS + BLENDS	75° QZ VEIN	52.5	54.0		QTZ 8	- QTZ VEINING \leq 9cm WIDE PREDOMINANTLY BARREN OF CARBONATE CLASTS/ALTERATION - STRONG SILICIFICATION LOCALLY ADJACENT TO QTZ VEINS ALONG WITH MICACEOUS BANDS - FOLIATION FAINT	98.3	16792	.013	.009		87.0
		54.0	55.5		QTZ 3	- BROKEN CORE, LOCALLY LIMONITIC - MICROFOLDED QTZ STRINGERS/VEINLETS - FOLIATION FAINT	91.3	16793	.006	.002		70.0
					CP/KP/BCP	<u>55.5-73.5</u> PREDOMINANTLY CALCAREOUS PHYLLITE CONTAINING FINE CARBONATE BANDS OR MATRIX CARBONATE. LOCALLY KP AND						
												NOTE: CP IS WEAKLY TO MODERATELY CALCAREOUS

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-112

 SHEET No. 9 of 14

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	ROD	
						- KP TOP PART OF INTERVAL - ANKERITIC ALTERATION LOCALLY								
		64.5	66.0		QTZ 4	- KP - @ 65.6 - 66.0 STRONG ANKERITIC/SERICITIC ALTERATION OFTEN MICROFOLDED	96.0	16800	.022	.012				79.6
3% P ₄ + P ₂ O ₅ TR SPHALERITE	35° P ₄ FILLED FRACTURES	66.0	67.5		QTZ 11	- @ 66.0 - 66.77 SERICITIC/ANKERITIC/TR CHLORITIC ALTERATION - SILICEOUS STRINGERS - @ 66.80 - 67.05 QTZ VEINS ≤ 10 CM WIDE; TR YUGS, CHLORITE, SERICITE; CARBONATE CLASTS ALONG VEIN SELVAGES	100	16801	.044	.059				100
1-2% P ₄ , TR P ₂ O ₅		67.5	69.0		QTZ 11	- QTZ VEINING ≤ 11 CM WIDE; TR YUGS, SERICITE; CARBONATE CLASTS	100	16802	.002	.003				94.0
2% P ₄ AS DISS. BLENDS, STRINGERS TR SPHALGRITE	70° SI, BANDS	69.0	70.5		QTZ 9	- QTZ VEINING ≤ 7 CM WIDE; TR YUGS, SERICITE, CARBONATE CLASTS - MINOR LOCAL DEFORMATION	96.0	16803	.001	.003				57.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 10 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						AU	MAU	Other A	RQD	
2% P ₄ AS CUBES + STRINGERS, TR PO	60° QZ VEINLETS	70.5	72.0		QZ 3		98.6	16804	.001				71.3
3% P ₄ , TR PO		72.0	73.5		QZ 3	- DEFORMATION OVER INTERVAL	99.7	16805	.001				47.3
				BGP/BBP	<u>73.5 - 79.5</u>	QZ VEINING OVER UNIT. BROKEN, SLIGHTLY RUBBLY CORE.							
3-5% P ₄ & P ₂ O		73.5	75.0		QZ 15	- QZ VEINING ≤ 12 CM WIDE; TR SERICITE/CARBONATE CLASTS/ CHLORITE/VUGS - CORE TR VUGS? - VEINS RANDOMLY ORIENTED	84.0	16806	.001				38.8
4-5% P ₄ & P ₂ O, TR CPY, TR SPHAL	60° QZ VEIN	75.0	76.5		QZ 31	- QZ VEINING OVER INTERVAL - @ 75.66 - 75.88 QZ VEIN - VEINS CONTAIN TR SERICITE/ CHLORITE/CARBONATE CLASTS/VUGS	92.7	16807	.001				62.7
5-7% P ₂ O & P ₄		76.5	78.0		QZ 41	- QZ VEINING ≤ 19 CM WIDE; TR VUGS/CHLORITE/SERICITE; VERY FEW CLASTS IN LARGER VEINS	99.6	16808	.001				46.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 11 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
5% Py + Po	45° / QZ VEIN	78.0	79.5		QZ 17	- QZ VEINING ≤ 6cm WIDE; TR LIMONITE/SERITE/VUGGY; FEW CARBONATE CLASTS - LOCAL DEFORMATION	93.3	16809	.001			70.7
					CP/LIMST/BBP	<u>79.5 - 102.1</u>						
						PREDOMINANTLY LAMINATED CP WITH INTERBEDS OF BLACK MASSIVE LIMESTONE. QZ VEINING OVER UNIT WITH LOCALIZED RP. QZ VEINS GENERALLY DEVOID OF ALTERATION, CARBONATE CLASTS, AND SULPHIDES BUT OFTEN CONTAINS CALCITE ALONG SELVAGES AND INTO VEIN. LOCALLY 51 cm BLACK FAULT GOUGE						
15% DISS PY CUBES	55° / VEINLETS	79.5	81.0		QZ 3	@ 80.6 RUBBLE - PYRITE CUBES ≤ 3cm LONG AND ≤ 1.5 cm WIDE; APPEAR TO HAVE REPLACED QZ AND CARBONATE LENSES	81.3	16810	.001			37.3
3% FINE DISS PY	75° / QZ VEINS	81.0	82.5		QZ 7	- QZ VEINING ≤ 3 cm WIDE.	92.7	16811	.001			37.3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-112

SHEET No. 12 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	RC	Au	MAu	Other A
3-5% DISS PY	50° 80° 50° QTZ VEIN	82.5	84.0		QTZ 29	- QTZ VEINING ≤ 11 cm WIDE - MOST QTZ AND CARBONATE VEINS RANDOMLY ORIENTED	98.0	16812	.001				68.0
5% DISS + STRINGER PY		84.0	85.5		QTZ 35	- QTZ VEINING ≤ 10 cm WIDE; OFTEN ALIGNED SUB-PARALLEL TO C/A	100	16813	.002				63.3
3-5% DISS PY	70° 85° AXIAL PLANE	85.5	87.0		QTZ 7	- QTZ VEINING ≤ 6 cm WIDE - LOCALLY MICROFOLDED CARBONATE VEINLETS - @ 86.84 'Z' FOLD	100	16814	.001				69.3
2-3% DISS + STRINGER PY	80° 50°	87.0	88.5		QTZ 7	- QTZ VEINING ≤ 5 cm WIDE RANDOMLY ORIENTED	99.3	16815	.001				75.3
2-3% PY	60° CARB. BANDS	88.5	90.0		QTZ 24	- QTZ VEINING ≤ 14 cm WIDE; TR CHLORITIC - VEINS RANDOMLY ORIENTED	100	16816	.001				80.6
2% DISS + STRINGER PY	50° 52°	90.0	91.5		QTZ 8	- QTZ VEINING ≤ 2 cm WIDE RANDOMLY ORIENTED - @ 89.9 C/A DISS PY TRACKS ← 10 cm → - LOCALLY MICROFOLDS AND CARBONATE	100	16817	.001				91.3

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-112

 SHEET No. 13 of 14

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	GC	Au	MAu	Other A	RPD
1-2% PY AS DISS. + STRINGERS		91.5	93.0		QTZ 2	- @91.78 FOLDED BEDS/LAMINAE OF GREY LIMST - '7' FOLD	96.0	16818	.001					94.0
3% PY AS DISS, STRINGERS, + ALONG SELVAGES OF QTZ LENSES		93.0	94.5		QTZ 4	- QTZ VEINING \leq 5 CM WIDE - WEAK DEFORMATION	100	16819	.001					84.0
3-4% PY		94.5	96.0		QTZ 2	- DEFORMATION @ TOP OF INTERVAL - '2' FOLD - WELL BANNED REST OF INTERVAL - PY REPLACING QTZ AND CARBONATE STRINGERS/VEINLETS	100	16820	.001					74.3
2% PY		96.0	97.5		QTZ 1	- WEAK DEFORMATION	98.7	16821	.001					50.7
1-2% PY		97.5	99.0		QTZ 4	- BROKEN CORE - QTZ VEINING \approx 2 CM WIDE - TR CALORITIC	94.7	16822	.001					52.3
		99.0	100.5			- @99.1-99.61 BLACK GOUGE CONTAINING CARBONATE, QTZ, AND PY - DEFORMATION REST OF INTERVAL	82.0	16823	.001					49.3

DIAMOND DRILL RECORD

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Part 2 of 3

 PROPERTY FRASER G. M. D.

 HOLE No. 90-113

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size HQ
 Angle of Hole 55°
 Claim
 Section
 Bearing 041°

 Total Depth 55.1 m
 % Recovery
 Elev. Collar 1570.8 m
 Latitude -522.413
 Departure 7023.794

 Sheet No 1 of 9
 Logged by C. DITSON
 Date Begun JULY 27, 1990
 Date Finished JULY 29, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		TO	FROM						Au	CAu	MAu	Other A	Other B	
				OB		0-4 m OVERBURDEN								
				KP	BCP	4-9.92 Sandy, dark grey phyllite like loose knit, markedly splayed. Many sections have $d_{100} < 1 \text{ mm}$ - 2tz veins up to 750 m - Deformation zone, variable S ₂								
		4.0	6.0	QTZ 25		* 25 cm 2tz vein @ 4.2-4.45 m - 13 cm " " @ 5.50 ~ 70° C/A	98.0	16825.057	.060				42.0	
		6.0	7.5	QTZ 30		- 16 cm 2tz vein @ 6.2 m * 33 cm 2tz vein 7.3-7.63 m smaller veins + patches $< 5 \text{ mm}$	88.7	16826.014	.015				36.0	
		7.5	9.0	QTZ 45		- 13 cm of above 2tz vein @ 1 m * 75 cm 2tz vein 8.50-9.25 (50 cm included in sample) - "S" fold @ 7.75 m (axial plane 90° CA) - "S" fold @ 8.3 m (axial plane 110° CA)	92.0	16827.011	.013				18.0	
		9.0	10.5	QTZ 25		- top 25 cm end of 2tz vein above - 10 cm 2tz vein @ 9.65 m - bottom 3rd section on KP	74.7	16828.006	.011				11.3	

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-113

 SHEET No. 2 of 9

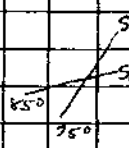
TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	BC	MAu	Other A	ROD
py 2%				KP	BBP	9.92 - 11.0 faintly banded KP has small hosts, most < 1mm - disseminated + cubic pyrite throughout - bands narrow, < 0.5cm								
3% py + po				BCP/KP/BBP		11.0 - 12.8 KP is finely banded + heavily graphitic - Vein swarm throughout section, veins ≤ 6cm (25% Qtz) - local chloritic alteration (TR)								
		90° 20°	S ₁ 20°	10.5	12.0	QTZ 12	- top 3rd is KP - veins ≤ 4.5cm	94.7	16829	.003	<.002			43.3
				12.0	13.5	QTZ 13	- vein swarm in top half of sample vns ≤ 6cm - well banded Kp in bottom	87.3	16830	.001	<.002			24.7
						KP/SLST	12.8 - 24.0 - well banded Kp has SLST beds up to 40cm - most of SLST is highly phyllitic + banded							

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-113

SHEET No. 3 of 9

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROT	
		FROM	TO						Au	MAu	Other A	MAu		
		13.5	15.0			- top of section mostly KP, poorly banded - bottom well banded with SLST + intercalated phyllic horizons	94.3	16831	.002	<.002				8
		15.0	16.5		QTZ 2	- well banded SLST/KP through out - 6cm ² QTZ patch @ 15.45	105.3	16832	.001	<.002				48
		16.5	18.0		QTZ 7	- faintly banded KP becomes well banded @ bottom of sample. - mgygy, limonite STZ veins ≤ 6cm 17.25-18.0m. met 75° PA	64.7	16833	.001	<.002				5
		18.0	19.5		QTZ 10	- Broken rocks + chips 17.8-19.2 - 10m broken QTZ @ 17.85 - 4cm QTZ vein @ bottom section - knots leached from core.	66.7	16834	.001	.003				5
		19.5	21.0		QTZ 20	- Broken core 19.85-20.45 (no pcs > 6cm) - 16m massive SLST @ 20.1m - STZ vns ≤ 8cm in bottom half	76.7	16835	.001	.006				13.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-113

 SHEET No. 4 of 9

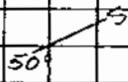
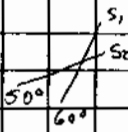
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
						of section are wuggy + limonitic							
		21.0	22.5	QTZ 3	*40cm phyllitic SLST @ 21.4-21.8 m. - bottom 30cm poorly banded KP, rest well banded SLST/KP - 3.5m QTZ vein + stringers - 5cm CS @ 22m - 22.4-22.5 broken ground (chips + gravel)	993	16836	.001	.002			38.0	
		22.5	24.0	QTZ 13	*20cm QTZ vein @ 23.65-23.85 - SLST horizon ≤ 10cm.	98	16837	.001	.002			36	
				KP/BCP	24.0-26.75 - KP is very disturbed at QTZ vein selvages with large mats of muscovite/graphite - QTZ vein locally highly chloritic								
		24.0	25.5	QTZ 25	*approx 20cm broken QTZ 25.1-25.3 m. - 15cm QTZ-chlorite vein @ end of sample (10% chlorite in vein)	80	16838	.001	.002			18	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-113

 SHEET No. 5 of 9

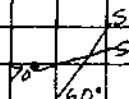
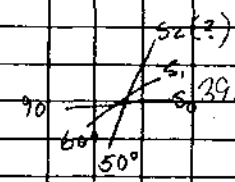
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						ME	PC	Au	MAu	
		25.5	27.0		OTZ 10	- mostly BCP - erratic chlorite (60%) - STZ veinlet @ 25.62 m (2.30 m wide) - STZ patches + veins \leq 70 m	80.7	16839	.004	<.002			24
				KP/BBP	26.75 - 41.6	- poor to moderately banded KP is very well foliated with banding resulting more from foliation + alignment of knots than from siliceous interbeds.							
		27.0	28.5			- extremely well foliated - STZ stringers - veinlets follow S ₀ - Broken ground 27.35-27.7 (rk chips + gravel).	73.3	16840	.002				8
		28.5	30.0			- narrow stringers (STZ) - broken ground 29.1 - 29.4 and 29.9 - 30.0	76	16841	.001				8
		30.0	31.5			- most of sect in rk chips (one 20 cm pc in middle, a few 4-10 cm pieces + rest gravel)	73.3	16842	.001				10.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-113

 SHEET No. 6 of 9

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	R/D	
		31.5	33.0			- all broken, no pcs > 80 m	66.7	16843	.001				0
		33.0	34.5			- same as above, slightly coarse (on piece 150 m)	73.3	16844	.001				8
		34.5	36.0			- Broken, < 90 m, minor gouge on surfaces	66.7	16845	.001				0
		36.0	37.5			- same as above, pcs < 12 cm * fracture surface with gouge @ 36.65, 10° CA.	66.7	16846	.001				0
		37.5	39.0			* fracture @ 38.0 m, 5° CA - solid ground appears @ 38.6 m - 2 lgs (< 170 m) pcs @ top sample + good clean parallel fracture 10° CA @ 38.8 m.	80	16847	.002				0
		39.0	40.5			- well foliated + fractured, moderately banded - minor siliceous (SIS) horizons < 20 m - faint S3	93.3	16848	.001				0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-113

 SHEET No. 8 of 9

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						Au	MAu	Other A		
	S ₀ 70°	45.0	46.5			-QTZ stringers well crystallized but S ₁ + S ₂ very faint + appear eroded.	94.7	16852.001					53.3
		46.5	48.0			-same as above (may be fold but no bedding to define, S ₂ faint but looks like matrix from 50° - 85°?)	100	16853.001					70
		48.0	49.5		QTZ 5	same as above -QTZ needles < 40m	83.3	16854.006	.023				0
					KP/BCP	50.75 - 54.25 -KP is graphite altered around Qtz veins *550m Qtz vein 50.8 - 51.35m *280m Qtz vein 53.0 - 53.28m							
	S ₂ 45°	49.5	51.0		QTZ 12	crystallized Qtz stringers show faint S ₂ bottom 20cm is Qtz vein with 5cm graphite envelope ~ 30° CA	89.0	16855.004	<.002				62.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-113

 SHEET No. 9 of 9

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
	20°	S ₁ 51.0	52.5		QTZ 30	- top 38 cm - Qtz v. cont'd - 20 cm + 14 cm was just below - well foliated, lightly banded Kp over rest of section	106	16856	.001	<.002			95.3
1% py.		52.5	54.0		QTZ 25	- most of section graphitic - 28 cm Qtz v. 53.0-53.25 is limonitic with 25% carbonate + bluish quartz	102	16852	.007	.008			24.0
					Kp	54.25-55.1 Kp is finely knotted, lightly banded @ top 10 cm with strong S ₂ appearing as tracks of compressed knots							
	80° 65°	S ₂ S ₁ 50° 55°	54.0	55.1		- R.P.P. top half, Kp rest of sample	96.4	16858	.009	.012			65.0
						55.1 END OF HOLE							

DIAMOND DRILL RECORD

20547 Part 2 of 3

PROPERTY FRASER GOLD

HOLE No. 90-114

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
136.0 m	-51.5°	045°

Hole Size HQ
 Angle of Hole 55°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 180.7 m
 % Recovery.....
 Elev. Collar 1595.4 m
 Latitude -616.088
 Departure 7227.150

Sheet No 1 of 24
 Logged by C. D. ITSON / M. Schmitt
 Date Begun JULY 29 1990
 Date Finished AUGUST 2, 1990
 Core Stored At BASIC CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS					
		TO	FROM						ME Au	BC CAu	MAu	Other A	Other R(B)	
		0	2.7	OVB		OVERBURDEN								
				KP/BBP		2.7-4.65 - limonitic knotted phyllite local moderate banding *650 m DTZ vein 3.75-4.40 m								
				BBP/KP		4.65-7.05 - limonitic knotted phyllite is poorly to extremely well banded by siltstone beds ≤ 1.5 cm - DTZ veins ≤ 6 cm are wuggy + leached.								
		2.7	4.5		DTZ 35	- wuggy, leached DTZ vein 3.75-4.40 m. + 30 cm vein above	9.0	16859.001						26.7
		4.5	6.0		DTZ 10	- DTZ veins ≤ 6 cm, wuggy + leached	73.3	16860.001						8.0
				KP/BBP		2.05-23.55 - knotted phyllite has local subconformable banding over ≤ 60 cm widths - intermittently limonitic fracture envelopes. *400m DTZ vein 14.5-14.9 m.								
		6.0	7.5		DTZ 5	- top 17 cm is well banded with SST beds - tension fractures @ 6.05 m zone follows S., DTZ strikes @ 60° EA. - wuggy, leached DTZ veins ≤ 7 cm	68.7	16861.001						8.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 2 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	ROD
		7.5	9.0			silty horizons @ 7.68 + 8.55m ≈ 60m show S ₂ + S ₁ @ 100°-110° with S ₂ cutting (crenulating) @ 55°	102.7	16862	.001			76.7
		9.0	10.5			- minor 2TZ stringers	98.7	16863	.001			73.3
		10.5	12.0		QTZ 4	- 2 - 30m 2TZ veinlets have graphitic selvages (80 + 35%)	98.7	16864	.001			55.3
		12.0	13.5			- local crenulated siliceous horizons - S ₂ + S ₁ still varying + cross cutting	99.7	16865	.002			73.3
py 3%		13.5	15.0		QTZ 27	- 2TZ vein 14.5-14.9m - vein chlorite (~5%) - stringer pyrite proximal to and in 2TZ vein - S ₂ + S ₁ shallow from 90° → 70° just above vein, S ₂ = 45° - S ₁ folded below vein	100	16866	.001			55.3
2% ch + libby py		15.0	16.5		QTZ 10	- S ₁ folded perpendicular to core axis	94.0	16867	.001			61.3

DIAMOND DRILL RECORD

PROPERTY FRASERGOULD

HOLE No. 90-114

SHEET No. 4 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	AU	MAU	Other A
	135-140° 50°	22.5	24.0		QTZ 5	- siliceous bands 22.75-23.0m. (@) 135-140° CA - 12cm calcareous SLST @ 23.55-23.67 - 30m LMST @ 23.8m - 70m QTZ vein @ 23.7m	1033	16872	.010	.006			74.0
		24.0	25.5		/	- bottom half of section siliceous banded (± 30m)	96.0	16873	.001	.020			84.7
		25.5	27.0		QTZ 3	- 30m SLST @ 25.62 m - 26.5-26.85 primarily siliceous SLST * 2" fold @ 26.3m	94.0	16874	.001	<.002			50.0
					BCP/KP	26.85-30.5m - highly graphitic knotted phyllite disturbed + altered by swarm of QTZ veins ± 230m * section approx 30% QTZ veins							
		27.0	28.5		QTZ 25	- QTZ veins (< 6cm) + stringers throughout, most ~ 80° CA.	80.7	16875	.001	<.002			29.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 5 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	ROD	
		28.5	30.0		QTZ 30	- intermittent QTZ veining * 23 cm vein @ 29.62 - 29.85 m - 2 - 8 cm veins @ 29.2 + 29.9 m.	97.3	16876	.001	<.002			42.0
				KP		30.5 - 32.65 knotted phyllite							
		30.0	31.5		QTZ 18	- veins = 100 m 30.0 - 30.5 m.	103.3	16877	.001	<.002			55.3
				BCP/B30/KP		32.6 - 33.8 - Graphitic phyllite is banded + locally knotted - QTZ veins = 20 cm (25% QTZ)							
		31.5	33.0		QTZ 8	- vein swarm begins bottom 400 m of section, veins < 70 m.	94.7	16878	.001	<.002			36.0
				LMST/ACP		33.8 - 34.7 - limestone beds 1-30 cm separated by graphitic phyllite							
		33.0	34.5		QTZ 17	* 20 cm QTZ vein 33.6 - 33.8 m. - top of folded QTZ vein @ 33.3 m * 30 cm LMST 34.0 - 34.3 m. with * 2° fold, fold axis 85° CA.	98.7	16879	.003	<.002			63.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 6 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RQD	
				KP/BBP		34.7 - 41.2 knotted skellite is locally well banded by intercalated siliceous horizons								
	50°	S ₂	34.5	36.0	/	- narrow siliceous horizons crenulated by S ₂	100.7	16880	.001					84.0
			36.0	37.5	/	same as above	96.7	16881	.001					82.7
			37.5	39.0	/	- silty horizons up to 5cm	104.0	16882	.001					95.3
	50°	S ₂ S ₁	39.0	40.5	/	- 18 cm banded siliceous interbeds @ 39.3 m.	98.7	16883	.001					70.7
	50°					BBP/KP/BBP. 41.2 - 42.45 - Qtz veined schistite is graphitic, locally knotted + banded. - veins ≤ 20cm, most ~ 45° or * 200m Qtz vein 42.0 - 42.2 m * Qtz ~ 50% of sect vein								
	45°	Qtz vein	40.5	42.0	Qtz 17	- Qtz veins ≤ 12cm wide FROM 41.4 - 42.0	100	16884	.001					54.0

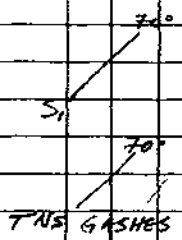
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 7 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	ROD	
				KP/BBP		42.45 - 48.0 BANDER KNOTTED PHYLITE WITH SILTY HORIZONS \approx 6cm WIDE.							
		42.0	43.5	QTZ 20		- @ 42.0 - 42.2 QTZ VEIN - 10 CM WIDE VEIN @ 42.27	94.0	16885.001					27.3
		43.5	45.0			- LOCALLY GRAPHITIC - MISLATCH	24.0	16886.001					13.3
		45.0	46.5	QTZ 1		- LOCALLY GRAPHITIC	87.3	16887.001					75.3
		46.5	48.0			- ANKERITIC ALTERATION LOCALLY - @ 46.55 TENSION GASHES	98.0	16888.001					73.3
				BCP/KP		48.0 - 54.3 GRAPHITIC AND ANKERITIC ALTERED KP, QTZ VEIN SWARM @ 48.20 - 49.20 AND @ 52.25 - 53.4. MINOR QTZ VENNING IN BETWEEN							



DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-114

 SHEET No. 8 of 24

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						Au	MAu	Other A		
		48.0	49.5		QTZ 30	- QTZ VEIN SWARM @ 48.2 - 49.2 WITH IRREGULAR VEINS \approx 12 cm WIDE - APPEARS TO BE FOLDING OF S1 PROXIMAL TO QTZ VEINS	101.3	16889	.001	.005			86.7
		49.5	51.0		QTZ 8	- HEAVY ANKERITIC ALTERATION - QTZ VEINS \approx 4 cm WIDE	96.7	16890	.001	<.002			71.3
		51.0	52.5		QTZ 20	* @ 52.3 - 52.5 QTZ VEIN - SAME AS ABOVE	90.7	16891	.001	<.002			28.3
		52.5	54.0		QTZ 37	- @ 52.5 - 53.25 PREDOMINANTLY QTZ VEINING \approx 22 cm * @ 52.6 - 52.82 22 cm WIDE QTZ VEIN - 8 AND 14 cm WIDE QTZ VEINS JUST BELOW - 3% CHLORITE IN QTZ VEINS	91.3	16892	.010	.008			34.7
					KP	54.3 - 96.0 AND CREAMY CARBONATE LOCAL ANKERITIC ALTERATION. - MINOR QTZ VEINING, LOCALLY LIMONITIC @ 60.26 - 62.78 - CP. LOCALLY BANDING AND							
TR P4 + P0													

90°
QTZ VEINS

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 9 of 24

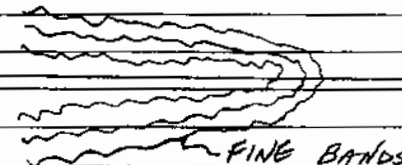
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	GC	Au	MAu	Other A
	70°	54.0	55.5		QTZ 8	- QTZ VEINS ± 6 cm WIDE	94.7	16893	.001				16.0
	51 40°												
	70°	55.5	57.0			- 4mm WIDE PY CUBES	97.3	16894	.001				30.7
	52 50°												
	52 50°	57.0	58.5		QTZ 3	- QTZ VEINING ± 3 cm WIDE - LOCALLY MICROFOLDED QTZ VEINLETS AND CRENULATIONS	100	16895	.001				50.0
	65°	58.5	60.0			- FOLIATION FAINT - LOCALLY BANDS OF FINE PORPHYROBLASTS - CREAMY CARBONATE (DOLOMITE?) REPLACING KNOTS	100	16896	.001				71.3
	BANDS	60.0	61.5			- SAME AS ABOVE	100	16897	.001				74.7
1-2% DISS. PY CUBES	80°	61.5	63.0		QTZ 1	- @60.26-62.5 CP - LOCALLY CARBONACEOUS	100	16898	.001				68.7
	500 CARBONATE BANDS												
2% DISS + STRINGER PY		63.0	64.5		QTZ 3	- @62.5-62.78 INTERBEDDED CP - LOCALIZED FOLDING - MINOR ANKERITE - LOCALLY CARBONACEOUS - MISMATCH	59.3	16899	.008				42.7

DIAMOND DRILL RECORD

 PROPERTY FRASERBOLD

 HOLE No. 90-114

 SHEET No. 10 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RQD
	50° S ₂	64.5	66.0		QTZ 1	- MICROFOLDED AND CRENLATED QTZ STRINGERS/VEIN LOTS - LOCALIZED BANDS OF ALTERATION (SERICITE + CARBONATE) - MISMATCH	94.0	16900	.001				45.3
	77° QTZ VEIN	66.0	67.5		QTZ 2	- BROKEN CORE, FRACTURES - SUB-PARALLEL TO C/A - STRONGLY LIMONITIC	100	16901	.001				30.7
	50° 80° QTZ VEIN SHEAR SURFACE	67.5	69.0		QTZ 9	- QTZ VEINS ± 5 cm WIDE WITH CARBONATE CLASTS, TR. CHLORITE/SERICITE; TR FLUCCY - @ 67.79 - 67.86 FINE RUBBLE WITH TR GOUGE	95.3	16902	.001				65.3
		69.0	70.5		QTZ 3	- MINOR QTZ VEINING AS ABOVE - MICROFOLDED AND CRENLATED QTZ STRINGERS AND CARBONATE/ SERICITE BANDS.	98.7	16903	.001				64.7
		70.5	72.0		QTZ 2	 C/A. FINE BANDS OF ANKERITIC/SERICITIC	100	16904	.001				34.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 4 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RQD
	50-60° S ₂	72.0	73.5		QTZ 4	- FOLDED ALTERATION BANDS AS ABOVE AND AT 80° TO C/A	100	16305	.001				94.0
		73.5	75.0		QTZ 2	- SAME AS ABOVE - LOCALLY KNOTS ARE FINELY BANDED C/A	96.7	16306	.001				75.3
						⊗ ⊗ KNOTS WITH ALTERATION BANDS							
	30-45° S ₂ 80°	75.0	76.5		QTZ 1	- ALTERATION/FOLDING AS DESCRIBED IN PREVIOUS INTERVALS - LOCALLY LIMONITIC - S ₂ VARIABLE	100	16307	.001				62.0
	80° QTZ VEIN	76.5	78.0		QTZ 7	- QTZ VEINING ≤ 6 CM WIDE WITH CARBONATE CLASTS, TR VUGGY - ALTERATION AND MICROFOLDS AS BEFORE	98.7	16308	.001				85.3
		78.0	79.5		QTZ 2	- SAME AS ABOVE	99.3	16309	.001				83.3
		79.5	81.0		QTZ 1	- LOCALLY LIMONITIC - LOCALLY BANDS OF FINE PORPHYROBLASTS - MINOR DEFORMATION	94.0	16310	.001				66.0

DIAMOND DRILL RECORD

 PROPERTY KRASERGOLD

 HOLE No. 90-114

 SHEET No. 12 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	AU	MAU	Other A
	45-30° S ₂	81.0	82.5			- LOCALIZED DEFORMATION OF QTZ STRINGERS	100	16911	.001				86.7
	80° S ₂	82.5	84.0			- 2.5 cm SILTY BED @ 82.9 - SAME AS ABOVE	100	16912	.001				100
TR CPY	40° qtz veind	84.0	85.5	QTZ 10		- @ 85.0 - 85.5 QTZ VEINING ± 1.9 cm WIDE WITH CARBONATE CLASTS ALONG SELVAGES, TR CHLORITE/SERICITE - LOCALLY CARBONACEOUS AROUND VEINS	99.7	16913	.001				96.7
		85.5	87.0	QTZ 11		- @ 85.5 - 86.14 QTZ VEINING ± 4 cm WIDE WITH CARBONATE CLASTS, FO & PY, TR SERICITE - VEINS RANDOMLY ORIENTED	95.7	16914	.001				68.0
	40-30° S ₂	87.0	88.5			- LOCALLY MICROFOLD QTZ STRINGERS AND ALTERATION BANDS	100	16915	.001				69.3
	45° S ₂	88.5	90.0			- LOCALLY MICROFOLDS AT TOP OF INTERVAL	100	16916	.001				99.3
		90.0	91.5	QTZ 1		- LOCALLY MICACEOUS (SERICITE?) AND SILICEOUS ALTERATION	96.7	16917	.001				83.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 13 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RQD
1-2% DISS PY		91.5	93.0		QTZ 1	- TRACKS OF CREAMY CARBONATE (DOLOMITE?) ALTERATION - FOLIATION FAINT	96.7	16918	.001				83.3
		93.0	94.5		QTZ 1	- LOCALLY STRONG CARBONATE ALTERATION	100	16919	.001				90.3
					<u>KP/BBP/BCP</u>	<u>96.0 - 112.5</u> KNOTTED OVER MOST OF UNIT. LOCALLY QTZ VEIN SWARMS WITH BBP AND BCP. SMALL SCALE DEFORMATION AND CARBONATE/MICACEOUS? ALTERATION LOCALLY.							
2% DISS PY	75° QTZ VEIN	94.5	96.0		QTZ 2	- BROKEN CORE. - QTZ VEINS ≈ 5 CM WIDE WITH CARBONATE CLASTS, VUGGY	92.7	16920	.001				70.7
TR SPHALERITE	90° QTZ VEIN	96.0	97.5		QTZ 2	- QTZ VEINING ≈ 15 CM WIDE WITH CARBONATE CLASTS / SERICITIZED CHLORITE, TR VUGGY - DEFORMATION PROXIMAL TO VEINS WITH STRONG CARBONATE ALTERATION	100	16921	.001				90.7

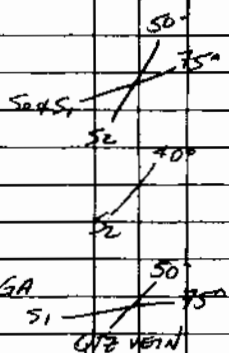
DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-114

 SHEET No. 14 of 24

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
2% PY AS DISS + STRINGERS		97.5	99.0		QTZ 4	- QTZ VEINLETS OVER INTERNAL PREDOMINANTLY DEFORMED - LOCALIZED CARBONATE ALTERATION BANDS - FOLIATION FAINT	94.3	16922	.001				94.3
2-3% PY AS ABOVE		99.0	100.5		QTZ 3	- BANDS OF FINE PORPHYROBLASTS LOCALLY	100	16923	.001				88.7
		100.5	102.0		QTZ 4	- DEFORMED. QTZ VEINLETS - OVER INTERNAL	100	16924	.001				81.3
		102.0	103.5		QTZ 2	- LOCALLY LIMONITIC AND BROKEN CORE	95.3	16925	.003				76.7
TR CP4, TR GA 3% PY, PO		103.5	105.0		QTZ 11	- @ 104.62-105.0 QTZ VEINING = 8 CM WIDE WITH CARBONATE CLASTS/SERICITE/CHLORITE, TR JUGGY - DEFORMATION ABOVE VEINS	98.0	16926	.001	.002			70.7
		105.0	106.5		QTZ 6	- QTZ VEINS = 3 CM WIDE (PREDOMINANTLY VEINLETS) WITH TR CARBONATE CLASTS/CHLORITE - LOCALLY LIMONITIC - LOCAL DEFORMATION OF QTZ	100	16927	.017	.031			67.3



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 15 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. CORRECTIONS	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	RE	MAU	Other A	ROD
1-2% DISS PY	51 52	106.5	108.0			- @ 107.5-108.0 BROKEN RUBBLE CORE - LOCALLY LIMONITIC	100	16928	.001	.003			56.7
		108.0	109.5			- @ 108.0-108.4 RUBBLE	94.7	16929	.001	.002			68.0
VG	600 QTZ VEIN	109.5	111.0		QTZ 65	- QTZ VEINING 47cm WIDE WITH CARBONATE CASTS AND VUGS - @ 110.71-111.1 47cm WIDE QTZ VEIN - LOCALLY LIMONITIC - @ 109.91 VG	96.0	16930	.025	.020			45.3
		111.0	112.5		QTZ 15	- COMPOSITION OF QTZ VEINS AS ABOVE - LOCALLY CARBONATE ALTERATION	96.0	16931	.006	.003			84.0
					KP/CP/BBP	<u>112.5-132.0</u> KNOTTED OVER MOST OF UNIT WITH INTERBEDS OF CP AND LOCAL CARBONATE ALTERATION. BCP PROXIMAL TO QTZ VEINING. LOCALLY LIMONITIC WITH FRACTURES RUNNING SUB-PARALLEL TO C/A							

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-114

 SHEET No. 16 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A	ROD	
	50°	112.5	114.0			- KP	98.7	16932	.001	5.002			85.3
	51°/52°	114.0	115.5			- BROKEN CORE WITH LIMONITIC FRACTURES SUB-PARALLEL TO CA - KP - FOLIATION FAINT	100	16933	.001				41.3
	40-45° QZ VEINLETS	115.5	117.0		QZ 1.	- LOCALLY MICROFOLDED QZ VEINLETS	100	16934	.001				100
		117.0	118.5		QZ 2	* @ 118.28 - 118.5 QZ AND CARBONATE VEINLETS/LENSES; LONG TR VUGGY - LOCALLY VEINLETS MICROFOLDED	100	16935	.001				100
	40° CARBONATE BANDS of S1	118.5	120.0		QZ 2	- BROKEN, RUBBLY CORE - LIMONITIC AND VUGGY - CARBONATE LAMINATIONS; FEW KNOTS	92.0	16936	.001				45.3
1-2% DISS PY		120.0	121.5		QZ 3	- CARBONATE LAMINATIONS AND IN MATRIX - SMALL FAINT KNOTS - QZ VEINLETS AND CAPETS DEVOID OF ALTERATION	100	16937	.001				98.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 17 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				RQD
		FROM	TO						ME	BC	MAU	Other A	
		121.5	123.0			- FOLIATION FAINT	100	16938	.001				100
		123.0	124.5		QTZ 1	- CARBONATE IN MATRIX - KNOTS STILL PRESENT - LOCALLY DEFORMATION AND ANKERITIC ALTERATION - S ₂ FAINT	98.7	16939	.001				92.0
		124.5	126.0		QTZ 2	- BROKEN CORE WITH LIMONITIC FRACTURE SURFACES SUB-PARALLEL TO 1/A	100	16940	.001				60.0
		126.0	127.5		QTZ 6	- QTZ VEINS/LENSES \leq 1cm WIDE, DEVOID OF ALTERATION, OVER INTERVAL - STRONG CARBONATE ALTERATION - WEAK 'Z' FOLD	90.0	16941	.001				76.7
		127.5	129.0		QTZ 3	- SMALL, FAINT KNOTS	96.0	16942	.001				95.3
VG		129.0	130.5		QTZ 16	- @ 129.36 - 129.56 Q12 VEIN WITH CHLORITE/SERICITE, TR CARBONATE CLUSTS - DEFORMATION PROXIMAL TO VEIN - @ 129.6 - 130.5 BROKEN, LIMONITIC CORE/TR VUGS - @ 129.41 1/A	99.3	16943	.001				70.7

65°
CARBONATE
BANDS 4 51

60°
S₂ (AXIAL PLANE)

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-114

 SHEET No. 18 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				RD	
		FROM	TO						Au	MAu	Other A			
						- CARBONATE ALTERATION								
	85° 50° + QZ STRINGERS	130.5	132.0		QZ 4	- BROKEN CORE WITH LIMONITE COATED FRACTURES SUB- PARALLEL TO C/A - QZ VEINS/VEINLETS/LENSES ≤ 2 cm WIDE OVER INTERNAL DEVOID OF ALTERATION - LOCALLY GREY LMST	100	16949.001					46.7	
					KP/BCP	<u>132.0 - 147.0</u> KNOTTED OVER MOST OF UNIT. INTERMITTANT QZ VEIN STRINGS WITH BCP IN VICINITY OF VEINS. LOCALIZED BANDING OF ALTERATION MINERALS (SERICITE/CARBONATE/ SILICEOUS BANDS). DEFORMATION OVER MOST OF UNIT.								
		132.0	133.5		QZ 4	- @ 133.0 - 133.26 SILICIFIED BANDS	100	16945.002					86.7	
		133.5	135.0		QZ 3	- KNOTS SMALL AND FAINT - FOLIATION FAINT	98.3	16946.001					73.3	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 19 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
	53° BANDS	135.0	136.5		QTZ 5	- QTZ VEINS ≤ 1.5 cm WIDE DEVOID OF ALTERATION; TR YUGGY	97.3	16947	.001			97.3	
		136.5	138.0		QTZ 2	- FOLIATION FAINT - QTZ VEINLETS/STRINGERS RANDOMLY ORIENTED CROSS- CUTTING EACH OTHER	99.3	16948	.001			94.7	
	60° S2	138.0	139.5		QTZ 5	- QTZ VEINS ≤ 1 cm WIDE PREDOMINANTLY DEVOID OF ALTERATION	100	16949	.001			80.7	
		139.5	141.0		QTZ 5	- SAME AS ABOVE	100	16950	.001			100	
	70° QTZ VEINLETS	141.0	142.5		QTZ 2	- TR CARBONATE CLASTS IN QTZ LENSES	96.0	16951	.002			92.0	
	73° FAULT GOUGE	142.5	144.0		QTZ 9	- QTZ VEINING ≤ 2 cm WIDE WITH FEW CARBONATE CLASTS, TR SERICITE - STRONG ANKERITIC ALTERATION LOCALLY - @ 143.2 GOUGE FOR 2 cm	98.7	16952	.001			68.0	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 30-114

 SHEET No. 20 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOGICAL	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RQD
2% PY, TR PO	75° / QZ VEIN	144.0	145.5		QZ 5	- QZ VEINS \leq 2 cm WIDE AS ABOVE, TR VUGS	98.7	16953	.001	.006			92.0
3% PY AS STRINGERS & DISS, TR PO	70° / 5/4 QZ VEINS	145.5	147.0		QZ 7	- QZ VEINING \approx 1.5 cm WIDE, TR DOLOMITE CLOTS, SERICITE, TR VUGS - STRONGLY ANKERITIC	100	16954	.002	.004			100
					KP/BCP/PS	<u>147.0 - 153.0</u> BCP PROXIMAL TO QZ VEINING. LOCALLY INTERBEDS OF PHYLLITE SLST AND MINOR SLST. TUFF? AND CP LOCALLY.							
3% PY, TR PO	70° / 80° QZ VEINS S1	147.0	148.5		QZ 4	- LIMONITIC FRACTURES @ TOP OF INTERVAL	94.0	16955	.006	<.002			74.0
		148.5	150.0		QZ 18	- QZ VEINING \approx 7 cm WIDE WITH DOLOMITE CLOTS, TR SERICITE, AND CARBORITE	94.7	16956	.005	.030			77.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 21 of 24

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A	RDD	
2-3% DISS & BLEBS PY	77°	150.0	157.5		QZ 5	- QZ VEINING ≤ 5 cm WIDE WITH DOLOMITE CLOTS/TR SERICITE/ CHLORITE - @ 150.32-150.47 CP - @ 150.7, 7 cm WIDE BED PS	100	16257	.001	.002			99.0
3% PY TR PO	55° QZ VEIN	157.5	153.0		QZ 4	- @ 157.5-157.77 TUFF?	100	16258	.001	.002			74.0
					KP/BBP	<u>153.0-160.5</u> WELL KNOTTED OVER MOST OF UNIT. LOCALLY BLACK BANDED PHYLITE. GRADATIONAL LOSS OF KNOTS @ BOTTOM OF UNIT.							
3-4% PY + PO	75° QZ VEINS + BANDS (SO)	153.0	154.5		QZ 12	- QZ VEINING ≤ 5 cm WIDE WITH FEW DOLOMITE CLOTS, TR SERICITE, AND VUGS	100	16259	.005	.006			94.7
2% DISS + STRIPES PY		154.5	156.0		QZ 3	- LOCALLY MICROFOLDED QZ VEINLETS - FOLIATION PRINT	97.3	16260	.044	.063			77.7
2-3% PY	52°	156.0	157.5		/		96.0	16261	.038	.073			96.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 22 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA Au	BC Au	MAU	Other A	RAD
2% P ₄ + P ₆	51 / 65	157.5	159.0		QTZ 2	- LOCALLY FRACTURES PARALLEL TO C/A	100	16962	.054	.060			47.3
		159.0	160.5		QTZ 1	- SAME AS ABOVE - LOCALLY MICROFOLDED QTZ VEINLETS	93.3	16963	.005	.015			57.3
					CP/BBP	<u>160.5 - 180.7</u> GRADATIONAL CHANGE TO CP. WELL BANNED OVER MOST OF UNIT WITH LOCALIZED DEFORMATION/SHEARING. LOCALLY BANDS NON- CALCAREOUS, OFTEN BROKEN CORE, GRAPHIC PARTINGS.							
3% STRINGER + DISS P ₄	57-80° QTZ VEINLETS, CIRCO. BANDS	160.5	162.0		QTZ 3	- WEAKLY CALCAREOUS	74.0	16964	.002	<.002			74.0
2% P ₄		162.0	163.5		—	- BANDING ABSENT OVER MOST OF INTERVAL - WEAK DEFORMATION	92.0	16965	.005	<.002			72.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-114

 SHEET No. 23 of 24

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	RQD	
3-4% STRINGER & DISS PY	65° BANDS S ₁	163.5	165.0		QTZ 1	CARBONATE BANDS BECOMING MORE PREVALENT	100	16966	.001	<.002			100
2-3% DISS PY	70°-80° S ₂	165.0	166.5		QTZ 1	- STRONG CALCAREOUS BANDS - STRONG S ₂ ; CRENULATIONS AND MICROFOLDS - GRAPHITIC PARTINGS	100	16967	.001				94.7
	75° GOUGE	166.5	168.0		QTZ 1	- @ 166.82 5 cm GOUGE AND FINE RUBBLE - @ 166.99 3 cm AS ABOVE - @ 167.48 7 cm AS ABOVE - DEFORMATION OVER MOST OF UNIT	95.3	16968	.001				19.0
2% DISS & STRINGER PY	70° S ₀ , S ₁ , VENEERS	168.0	169.5		QTZ 1	- LOCALLY INTERBEDS ≤ 4 cm WIDE OF GREY AND BLACK LMST AND CALC.	100	16969	.001				65.3
3-5% STRINGER & DISS PY	50° S ₂	169.5	171.0		QTZ 7	- QTEA VEINS ≤ 16 cm WIDE (50% QTZ, 50% CALCITE), DEVOLD OF ALTERATION AND SULPHIDES - LOCALLY PY REPLACED CALCAREOUS BANDS - DEFORMATION BOTTOM HALF OF INTERVAL	100	16970	.002				66.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-114

 SHEET No. 2A of 24

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME	BC	MAU	Other A	RDD
	85° S ₁	171.0	172.5		QTZ 4	- QTZ AND CALCITE VEINS ≤ 2 cm WIDE, DEVOID OF ALTERATION AND SULPHIDES - LOCALLY GREY LIMST - DEFORMATION BOTTOM HALF OF INTERVAL	98.0	16971	.002				56.0
1-2% PY	45° S ₁	172.5	174.0		QTZ 1	- LOCAL DEFORMATION	100	16972	.001				83.3
1-2% PY	85° S ₂	174.0	175.5		QTZ 2	- PY CUBES REPLACING QTZ AND CALCITE LENSES - LOCAL WEAK DEFORMATION	88	16973	.001				12.0
	55° BANDS & S ₁ S ₂	175.5	177.0		QTZ 3	- SMALL SCALE DEFORMATION	100	16974	.001				64.7
		177.0	178.5		QTZ 5	- QTZ VEINING ≤ 2 cm WIDE WITH CALCITE ALONG SELVAGES; DEVOID OF ALTERATION AND SULPHIDES	87.3	16975	.001				64.0
	80° LAMINATIONS	178.5	180.0		QTZ 3	- LOCALLY LAMINATIONS RANDOMLY ORIENTED	100	16976	.001				88.7
	70° LAMINATIONS	180.0	180.7			- BROKEN, RUBBLY CORE	74.3	16977	.002				25.7
		180.7				END							

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. 90-115

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
146 m	-54°	045°

 Hole Size HQ
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

 Total Depth 149.4 m
 % Recovery
 Elev. Collar 1571.1 m
 Latitude -66° 20.7'
 Departure 7921.970

 Sheet No 1 of 19
 Logged by M. SCHAFER
 Date Begun AUGUST 2, 1990
 Date Finished AUGUST 9, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		TO	FROM						Au	CAu	MAu	Other A	Other B	
		0	3.4	DVB										
				BGP/KP		<u>3.4-10.5</u>								
						BROKEN CORE. LIGNITIC WEATHERING. QTZ VEINING OVER UNIT. LOCALIZED BANDING. MINOR GOLDS.								
	70° /	3.4	4.5	QTZ 15		- QTZ VEINING ≈ 10 CM WIDE; VUGGY, LEACHED WITH DOLONITE 10.5, TR CHLORITE AND SERICITE	69.3	16978	.002	<.002			27.3	
	75° /	4.5	6.0	QTZ 27		- QTZ VEINING ≈ 13 CM WIDE AS ABOVE WITH LESS LEACHING AND ~3% CHLORITE	90.7	16979	.001	<.002			38.7	
	50° /	6.0	7.5	QTZ 26		- @ 6.78, 21 CM WIDE QTZ VEIN - VEINING OVER INTERVAL AS ABOVE	96.7	16980	.002	<.002			41.0	
	65° /	7.5	9.0	QTZ 30		- @ 8.12 26 CM WIDE QTZ VEIN - @ 7.74 23 CM WIDE QTZ VEIN - VEINING OVER INTERVAL AS ABOVE	86.7	16981	.001	<.002			35.3	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 2 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RDD
	60° 70° Gouge QTZ VEIN	9.0	10.5		QTZ 41	- QTZ VEINING ± 17 CM WIDE AS ABOVE - @ 9.96-10.11 GOUGE AND FINE RUBBLE	100	16982	.001	<.002			52.7
				KP	<u>10.5-15.0</u>	LOCALIZED SILTY LAMINAE THAT HAVE BEEN MICROFOLDED AND WEAKLY CRENNULATED. LOCALLY LIMONITIC COATED FRACTURES.							
	70° QTZ VEIN	10.5	12.0		QTZ 17	- @ 10.5, 25 CM WIDE QTZ VEIN WITH DOLOMITE CLOTS, CHLORITE AND SERICITE - LOCALLY ANKERITIC	90.0	16983	.001	<.003			84.0
	80° 50	12.0	13.5		/	- SILTY LAMINAE - FOLIATION FAINT	100	16984	.001				78.7
	55° 51	13.5	15.0		/		87.3	16985	.001				48.3

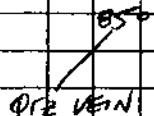
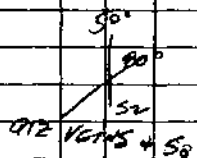
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 4 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	BC	MAU	Other A	ROD
		22.5	24.0		QTZ 5	- MINOR QTZ VEINING ≤ 5 cm WIDE WITH CARBONATE CLASTS, TR. VUGS - SLT AND SILTY LAMINATIONS COMPRISING 15% OF INTERVAL - POORLY DEVELOPED TENSION GASHES	99.3	16991	.001				74.0
		24.0	25.5		QTZ 17	- @ 24.75 23 cm WIDE QTZ VEIN WITH CARBONATE CLASTS, CHLORITE, TR SERICITE AND VUGS - SILTY LAMINATIONS LOCALLY	100	16992	.002	<.002			61.3
		25.5	27.0		QTZ 7	- QTZ VEINING ≤ 6 cm WIDE WITH CARBONATE CLASTS, TR CHLORITE/SERICITE/VUGS	99.3	16993	.001	<.002			54.0
		27.0	28.5		QTZ 34	- @ 27.75 24 cm WIDE QTZ VEIN - @ 28.3 20 cm WIDE QTZ VEIN - VEINS CONTAIN CARBONATE CLASTS, CHLORITE, SERICITE, TR VUGS - ANKERITIC/SERICITIC ALTERATION LOCALLY	88.0	16994	.001	<.002			31.3



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 5 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	REID	
	70° 80° 1/10° S1	28.5	30.0		QTZ 32	- QTZ VEINING ± 17 CM WIDE AS ABOVE - ANKERITIC / SERICITIC ALTERATION	92.0	16995	.001	< .002			72.7
		30.0	31.5		QTZ 3	- BROKEN CORE, STRONG LIMONITE ALTERATION, TR VUGS - @ 31.09 6 CM FINE RUBBLE WITH TR GOUGE	93.3	16996	.001				44.0
		31.5	33.0			- CORE AS ABOVE WITH KNOTS LEACHED OUT	100	16997	.001				10.0
TR CPY	70° S1	33.0	34.5		QTZ 32	- QTZ VEINING ± 14 CM WIDE WITH CARBONATE CLASTS, CALOR, SERICITE, TR VUGS; LOCALLY VEINS LIMONITIC AND FRACTURED PARALLEL TO CIA	93.3	16998	.001				23.3
	70° 85° S0 S1	34.5	36.0			- SILTY AND SLT LAMINATIONS LOCALLY - LOCAL DEFORMATION	97.3	16999	.001				51.3
		36.0	37.5		QTZ 5	- MINOR QTZ VEINING - @ 36.4, 16 CM OF VERY FINE RUBBLE WITH TR GOUGE - FOLIATION FAINT	83.3	17000	.001				27.3

DIAMOND DRILL RECORD

 PROPERTY FRASERBOLD

 HOLE No. 90-115

 SHEET No. 6 of 19

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAU	Other A	RQD
	50° SE	37.5	39.0		DTZ 3	- FOLIATION FAULT*	98.0	17001	.001			46.0
	75° S40E	39.0	40.5			- SLST LAMINATIONS THAT ARE 100 LOCALLY MICROFOLDED	100	17002	.001			100
					KP/BCP	<u>40.5-57.0</u> WELL KNOTTED OVER MOST OF UNIT. BCP PROXIMAL TO DTZ VEINS. CARBONATE (CALCITE/DOLOMITE?) IN GROUND MASS AND AS ALTERATION TRACKS THROUGHOUT MOST OF UNIT. ANKERITIC ALTERATION LOCALLY. LIMONITIC WEATHERING TOP OF UNIT.						
		40.5	42.0		DTZ 1	- FRACTURES PARALLEL TO σ_1 - MICROFOLDED DTZ STRINGERS/ VEINLETS	99.7	17003	.001			64.7
	50° SE	42.0	43.5		DTZ 2	- LOCALLY - KNOTS LEACHED OUT	97.3	17004	.006			71.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 7 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RD
	65° 75°	43.5	45.0		QTZ 1	- FINE CALCAREOUS LAMINATIONS LOCALLY	90.7	17005	.001				41.3
	50° 51° 50° 65°	45.0	46.5		QTZ 4	- FRACTURES SUB-PARALLEL TO C/A - LOCALLY MICROFOLDS AND CRENULATIONS	100	17006	.001				67.3
	51° 52° 50° 60°	46.5	48.0		QTZ 3	- MINOR DEFORMATION AS ABOVE	99.0	17007	.001				86.0
	QTZ VEIN & S ₂												
	BANDS 70° 75°	48.0	49.5		QTZ 1	- LOCALLY BANDS OF FINE KNOTS - MICROFOLDED QTZ VEINLETS	96.0	17008	.001				89.3
	51° 75°	49.5	51.0		QTZ 2	- CRENULATED AND MICROFOLDED QTZ VEINLETS RANDOMLY ORIENTED (S ₂) - FOLIATION AND S ₂ FAINT	92.7	17009	.001				100
		51.0	52.5		QTZ 35	- QTZ VEINING 5-9 cm WIDE WITH FEW CARBONATE CLASTS; MAINLY DEVOID OF ALTERATION MINERALS AND SULPHIDES - PREDOMINANCE OF VEINS RANDOMLY ORIENTED - STRONG CALCAREOUS/ANKERITE ALTERATION RANDOMLY ORIENTED	99.3	17010	.001				80.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 8 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME	BC	MAU	Other A	RQD
		52.5	54.0		QTZ 15	- QTZ VEINING ≤ 3 cm WIDE AS ABOVE - FOLIATION ABSENT	99.3	17011	.001				90.7
TR SPHALERITE	65° QTZ VEIN	54.0	55.5		QTZ 19	- QTZ VEINING ≤ 6 cm WIDE WITH CARBONATE CLASTS, TR CALCITE - ANKERITIC AND CALCAREOUS ALTERATION	99.3	17012	.001				73.3
	55° AXIAL PLANE	55.5	57.0		QTZ 12	- QTZ VEINING ≤ 9 cm WIDE AS ABOVE - LOCALLY VEINS FOLDED INTO 'Z' FOLDS	100	17013	.001				89.3
					KP/CP	<u>57.0 - 63.0</u> WELL KNOTTED OVER MOST OF UNIT. LOCALLY, GRADATIONAL CHANGE TO CP - FEW, FINE KNOTS STILL PRESENT. LOCALLY 1-5% OF KP MATRIX CALCAREOUS. INCREASE IN SULPHIDES FROM PREVIOUS UNITS.							
	60° SI	57.0	58.5		QTZ 2	- BANDS OF FINE PORPHYROBLASTS, LOCALLY	100	17014	.001				96.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 9 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL. 70°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	RQD	
	70° 85°	58.5	60.0		QTZ 1	- WELL FOLIATED	100	17015	.001					95.3
1-2% DISS PY	70° 85°	60.0	61.5			- LAMINATIONS OF GREY LMSST LOCALLY - LIMONITE COATING FEW FRACTURE SURFACES	100	17016	.001					45.3
	55-60° 70°	61.5	63.0			- BANDS OF MICRO PORPHYROBLASTS	96.7	17017	.001					83.3
					KP/BBP	<u>63.0-72.0</u> WELL KNOTTED MOST OF UNIT. LOCALLY GRAPHIC LAMINAE. FIVE FLECKS OF DOLOMITE IN MATRIX.								
	70° 100°	63.0	64.5			- SILICEOUS LAMINAE AND BANDS OF MICRO PORPHYROBLASTS	93.3	17018	.001					77.3
		64.5	66.0			- SAME AS ABOVE	96.7	17019	.001					75.3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-115

SHEET No. 10 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	MAu	Other A	ROD
	70° 51	66.0	67.5			- WELL FOLIATED	92.7	17020	.002				84.0
	50° 80° BANDS (30) 52	67.5	69.0			- BANDS LOCALLY CREWLLATED	97.3	17021	.001				75.3
2% DISS PY	85° 75° 50 51	69.0	70.5	QIZ 1		- WELL BANDED	100	17022	.001				73.3
		70.5	72.0	QIZ 2		- QIZ VEINLETS AND SILICEOUS BANDS OFTEN RANDOMLY ORIENTED	100	17023	.001				90.0
				KP/BCP		<u>72.0-81.0</u> KNOTTED OVER UNIT. MINOR LOCALIZED BCP CARBONATE (DOLOMITE) ALTERATION, INCREASING OVER WIDTH OF UNIT, IN MATRIX AS WELL AS PSEUDOMORPHING KNOTS. INTERMITTANT QIZ VEINING WITH FEW DOLOMITE CLOTS, PREDOMINANTLY REMAIN OF ALTERATION AND SULPHIDES.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 11 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BL	AU	Other A	ROD
	50-40° 52	72.0	73.5		QTZ 3	- QTZ VEINLETS/STRINGERS MICROFOLDED AND CRENNULATED	81.7	17024	.001				78.7
	50° 65° 51 52	73.5	75.0		QTZ 6	- QTZ VEINING \leq 2cm WIDE - SERICITE COATING FRACTURE SURFACES	82.0	17025	.001				72.0
	50-40° 52	75.0	76.5		QTZ 3	- QTZ VEINLETS CRENNULATED AND RANDOMLY ORIENTED	91.0	17026	.001				94.0
	50° 60° 52 QTZ VEINS	76.5	78.0		QTZ 5	- QTZ VEINING \leq 2cm WIDE - LOCALLY BANDS OF MICRO PORPHYROBLASTS	100	17027	.001				69.3
	50° 52 QTZ VEIN	78.0	79.5		QTZ 9	- QTZ VEINING \leq 3 cm WIDE - STRONG CARBONATE ALTERATION PROXIMAL TO QTZ VEINS	99.3	17028	.001				89.3
		79.5	81.0		QTZ 3	- CORE PALE GREY DUE TO ALTERATION - TENSION GASHES	100	17029	.001				81.3
				KP		<u>81.0-96.0</u> WELL KNOTTED WITH KNOTS FAIRLY LARGE. CORE LIGHT							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 12 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME Au	BC	MAU	Other A	RQD
						GREY DUE TO CARBONATE ALTERATION (SIDERITE / DOLOMITE? - EFFERESCENT WHEN WARM) IN MATRIX AND REPLACING SEVAGES OF KNOTS. MINOR LOCALIZED CALCAREOUS SILTY HORIZONS.							
	S ₂ / 50°	81.0	82.5		QTZ2	- MICROFOLDED AND CRENLATED QTZ VEINLETS / STRINGERS	100	17030	.001				99.3
	S ₂ / 50°	82.5	84.0		QTZ1	- STRONG CRENLATION CLEAVAGE	97.3	17031	.001				97.3
	S ₀ / 80°	84.0	85.5		—	- SAME AS ABOVE	100	17032	.001				100
	S ₂ / 50-60°	85.5	87.0		—	- LOCALLY BANDS OF FINE PORPHYROBLASTS	96.0	17033	.001				96.0
		87.0	88.5		—	- SAME AS ABOVE - CRENLATION CLEAVAGE NOT QUITE AS STRONG	99.3	17034	.001				99.3
	S ₁ / 90°	88.5	90.0		—		100	17035	.001				100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 13 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	BC	MAU	Other A	ROD
	80° QZ VEINS	90.0	91.5		QZ 8	- QZ VEINING ≤ 3 cm WIDE WITH DOLOMITE CLOTS AND SERICITIC ALTERATION	100	17036	.001				100
	50° 52	91.5	93.0		QZ 2	- MICROFOLDED AND CRENULATED ALTERATION BANDS	100	17037	.003	<.002			91.0
	50 55° 75° QZ VEIN 52 100° 140°	93.0	94.5		QZ 1	- SAME AS ABOVE	100	17038	.006	<.002			100
	50 50-40° 52 115°	94.5	96.0		QZ 3	- STRONG LINEATION - MICROFOLDED AND CRENULATED QZ VEINLETS	98.7	17039	.003	.003			93.3
					BCPI KP	<u>96.0-101.2</u> QZ VEIN SWARM OVER UNIT. VEINS CONTAIN DOLOMITE CLOTS, TR CHLORITE, SERICITE, MGS. FEW KNOTS. STRONGLY SERICITIC PROXIMAL TO QZ VEINS. LOCALLY SMALL QZ VEINS AND BLACK PHYLLITE FORM BANDED APPEARANCE							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 14 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	FA ASSAYS				
		FROM	TO						Au	MAU	Other A	RA D	
		96.0	97.5		QTZ 16	- QTZ VEINING \leq 10 cm WIDE	95.3	17090	.004	.006			86.0
2% Py & Po	 30° 70° QTZ VEIN	97.5	99.0		QTZ 17	- QTZ VEINING \leq 5 cm WIDE - STRONG CREULATION CLEANAGE	95.3	17091	.013	.016			92.0
	 50-55° QTZ VEINS	99.0	100.5		QTZ 20	- QTZ VEINING \leq 5 cm WIDE	100	17092	.013	.005			87.3
					TUFF? / SILICEOUS SED?	<u>101.2-103.5</u>							
					GRADATIONAL CHANGE FROM BANDED QTZ VEINS AND BCP TO TUFF AND BACK TO BCP. INTERMITTANT QTZ VEINING OVER UNIT, COMPOSITIONALLY SAME AS PREVIOUS UNIT. FAIRLY LARGE CARBONATE KNOTS IN TUFF - SAME AS IN QTZ VEINS								
		100.5	102.0		QTZ 12	- QTZ VEINING \leq 6 cm WIDE	100	17093	.013	<.002			99.3
3% FINE DISS Py, Po		102.0	103.5		QTZ 23	- QTZ VEINING \leq 6 cm WIDE WITH CARBONATE CLASTS/CHLORITE/ SERICITE/VUGS	95.3	17094	.001	<.002			95.3
					BCP/KP/BBP	<u>103.5-141.0</u>							
					QTZ VEINING OVER UNIT WITH PREDOMINANCE OF VEINS								

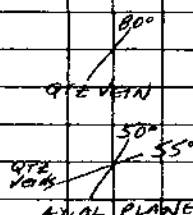
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 15 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						ME	BC	Au	MAu	Other A	RQD
						CONTAINING DOLOMITE CLOTS, CHLORITE, SERICITE, MILLS. LOCALLY BBP — CALCAREOUS AND NON-CALCAREOUS BANDS. SECONDARY DOLOMITE IN MATRIX AND REPLACING KALORS. LOCALLY SIDERITE IN MATRIX.								
V6		103.5	105.0		QTZ 29	- QTZ VEINING \leq 7 cm WIDE - @ 104.86 V6	98.7	17015	.001	.003				98.7
		105.0	106.5		QTZ 27	- @ 105.59 2.5 cm WIDE QTZ VEIN - VEINING OVER INTERVAL	98.7	17016	.017	.018				98.7
		106.5	108.0		QTZ 29	- @ 107.05 QTZ VEIN FOLDED INTO 'Z' - QTZ VEINS \leq 15 cm WIDE - @ 107.88 8 cm WIDE QTZ VEIN WITH 40% CHLORITE	100	17017	.012	.008				100
		108.0	109.5		QTZ 32	- QTZ VEINING \leq 12 cm WIDE	93.3	17018	.011	.008				87.3
		109.5	111.0		QTZ 23	- QTZ VEINING \leq 18 cm WIDE	95.3	17019	.006	.005				95.3



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115

 SHEET No. 16 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						PIE Au	BL	MAU	Other A	RQD	
2% P ₄ + P ₀	85° 80° 52°	111.0	112.5		QTZ 12	- QTZ VEINING ≤ 5 cm WIDE	100	17050	.036	.037				100
		112.5	114.0		QTZ 11	- QTZ VEINING ≤ 6 cm WIDE	100	17051	.031	.017				98.0
TR CPY	70° 50°	114.0	115.5		QTZ 35	- QTZ VEINING ≤ 15 cm WIDE	100	17052	.009	<.002				98.0
	80° 70° 50°	115.5	117.0		QTZ 10	- QTZ VEINING ≤ 7 cm WIDE - LOCALLY CALCAREOUS, SILTY HORIZONS ≤ 2 cm WIDE	100	17053	.017	.014				100
1-3% P ₄ + P ₀ , TR GA	50°	117.0	118.5		QTZ 12	- QTZ VEINING ≤ 12 cm WIDE	96.0	17054	.004	.009				96.0
2-3% P ₄ + P ₀	70° 80° 50°	118.5	120.0		QTZ 13	- QTZ VEINING ≤ 16 cm WIDE - CP COMPRISING MOST OF INTERVAL	92.7	17055	.001	<.002				82.7
2-3% P ₀ + P ₄	60° 50°	120.0	121.5		QTZ 28	- BROKEN, RUBBLY CORE - QTZ VEINING ≤ 15 cm WIDE	95.3	17056	.001	.002				66.7
3-4% P ₀ + P ₄		121.5	123.0		QTZ 39	- QTZ VEINING ≤ 11 cm WIDE	100	17057	.004	.006				89.3

DIAMOND DRILL RECORD

 PROPERTY FORKS GOLD

 HOLE No. 90-115

 SHEET No. 18 of 19

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 40° 75° 50° 54	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AC	AU	MAU	Other A
2% Po + Py, TR SPHALCERITE		133.5	135.8		QTZ 15	- QTZ VEINS/ROLLS ≈ 3 cm WIDE - FAIRLY WELL BANDED, LOCALLY CRINULATED - @ 133.62, 24 cm WIDE BED OF TUFF? / SILICEOUS SEDS?	100	17065	.001				100
4% Po, TR Py		135.0	136.5		QTZ 10	- QTZ VEINING ≤ 7 cm WIDE	96.7	17066	.001				80.0
3% Py + Po		136.5	138.0		QTZ 7	- QTZ VEINING ≤ 5 cm WIDE	82.0	17067	.001				51.7
5% Po + Py	60° DIE VEIN	138.0	139.5		QTZ 2A	- QTZ VEINING ≤ 13 cm WIDE - LOCALLY FRACTURES RUNNING PARALLEL TO C/A	94.7	17068	.001				76.7
5% Po + Py		139.5	141.0		QTZ 9	- QTZ VEINING ≤ 7 cm WIDE - QTZ VEINS ALMOST TOTALLY REPLACED BY PY AND PO - WEAK DEFORMATION	100	17069	.002				91.3
				CP/BBP	<u>141.0 - 149.4</u>	PREDOMINANTLY WELL LAMINATED CALCAREOUS PHYLLITE, LOCALLY BANDS SILICEOUS, LOCALLY MASSIVE BLACK LMST. INTERMITTANT							

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASERGOLD

 HOLE No. 90-116

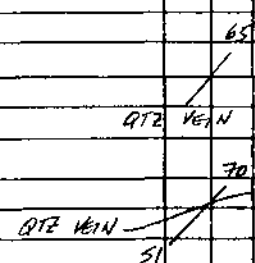
DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
105m	-54°	045°

 Hole Size HQ
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

 Total Depth 108.2m
 % Recovery
 Elev. Collar 1520.2m
 Latitude -698.433
 Departure 7585.139

 Sheet No 1 of 14
 Logged by M. SCHAFER
 Date Begun AUGUST 4, 1990
 Date Finished AUGUST 5, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			KPL		
		TO	FROM						ME Au	BC CAu	MAu	Other A	Other B	
		0	3.8	DVB										
				KP/BCP	3.8-18.0	WELL KNOTTED OVER UNIT EXCEPT WHERE ACP PROXIMAL TO QTZ VEINS. VEINS CONTAIN DOLOMITE CLOTS, TR SERICITE, TR CALCITE, AND VUGS. BROKEN CORE MOST OF UNIT WITH LIMONITIC WEATHERING TOP PART. SECONDARY DOLOMITE IN MATRIX AND ALONG RIMS OF KNOTS. LOCALLY ANKERITIC BANDS AND LENSES.								
		3.8	6.0	QTZ 29	- QTZ VEINING ≤ 19 cm WIDE - STRONGLY LIMONITIC, BROKEN, RUBBLY CORE		75.9	17075	.001					12.7
		6.0	7.5	QTZ 3	- BROKEN, RUBBLY CORE - GRAPHITIC PARINGS		40.7	17076	.003	.003				7.3
		7.5	9.0	QTZ 23	- QTZ VEINING ≤ 15 cm WIDE - ANKERITIC		90.0	17077	.005	.007				35.3
		9.0	10.5	QTZ 16	- QTZ VEINING ≤ 7 cm WIDE - ANKERITIC		100	17078	.020	.030				55.3



DIAMOND DRILL RECORD

 PROPERTY CRASER GOLD

 HOLE No. 90-116

 SHEET No. 2 of 14

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	AU	Other A	R0D
		10.5	12.0		QTZ 8	- QTZ VEINING \leq 6 cm WIDE - LOCALLY MICROFOLDED AND CREWULATED QTZ STRINGERS AND ALTERATION BANDS	96.7	17079	.006	.003			66.0
		12.0	13.5		QTZ 2	- LOCALLY BANDS OF FINE PORPHYROBLASTS - CREWULATIONS	100	17080	.007	.007			91.3
		13.5	15.0		QTZ 10	- @ 13.53, 15 cm WIDE LINDONITE STAINED QTZ VEIN - WELL FOLIATED	94.7	17081	.001	.004			86.7
		15.0	16.5				92.0	17082	.006				87.3
						- @ 17.15 ^{cm}	100	17083	.001				100
					KP/BCP/SLST	18.0-30.0							
						WELL KNITTED MOST OF UNIT. BCP PROXIMAL TO INTERMITTENT QTZ VEINING. MINOR SILTY LAMINAE, BEDS 5.5 cm WIDE COMPRISING ~5% OF UNIT. LOCALLY HEMATITIC. SECONDARY DOLOMITE IN MATRIX AND ALONG RIMS OF KNOTS. ALKALINE							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 3 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				RQD	
		FROM	TO						Au	ME	BC	MAu		Other A
						ALTERATION LOCALLY. QTZ VEINS CONTAIN CARBONATE CLASTS, TR SERICITE/CLORITE/VUGS								
	70° / 30° S ₁	18.0	19.5		QTZ1	*SILTY BEDS ≤ 5 CM WIDE	100	17084	.001					92.0
	50° / 60-70° S ₁ S ₂	19.5	21.0		QTZ1	- LOCALLY MICROFOLDED QTZ STRINGERS/VEINLETS - WELL FOLIATED MOST OF INTERVAL	98.0	17085	.001					66.0
	60° / QTZ VEIN	21.0	22.5		QTZ16	- @ 21.51 - 21.75 24 CM WIDE LIMONITIC STAINED QTZ VEIN - LOCALLY FRACTURES SUB- PARALLEL TO Q/A COATED WITH LIMONITE AND CALCITE - MICROFOLDED / CRENNELATED QTZ VEINLETS / STRINGERS	100	17086	.001					62.7
		22.5	24.0		QTZ1	- MODERATE CARBONATE ALTERATION - DEFORMED QTZ VEINLETS/ ALTERATION BANDS - S ₂ VARIABLE	95.3	17087	.001					95.3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-116

SHEET No. 4 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	RE	MAu	Other A	ROD
VG, 2% P4 + P0, TR SPH	70° QZ VG	24.0	25.5		QZ 25	- QZ VEINING ± 13 cm WIDE - @ 25.37 VG IN 13 cm WIDE QZ VEIN WITH ~50% CARBONATE CRUSTS	98.7	17088	.006				73.3
	50° S2	25.5	27.0		QZ 7	- @ 25.53 10 cm WIDE QZ VEIN	100	17089	.001				50.0
	85° S1	27.0	28.5		QZ 13	- @ 27.5 17 cm WIDE QZ VEIN, FRACTURED SUB-PARALLEL TO C/A, LIMONITIC	100	17090	.001				73.3
	50° S1	28.5	30.0			- MICROFOLDED AND CREVULATED QZ STRINGERS	98.7	17091	.001				88.7
				KP		<u>30.0 - 43.5</u> WELL KNOTTED, WHITE CARBONATE (DOLOMITE?) IN MATRIX AND ALONG RIMS OF KNOTS. LOCAL DEFORMATION AND OCCASIONAL SILTY LAMINATIONS. LOCALLY LIMONITIC							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 5 of 14

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						FA		MAu	Other A	R00
								Au	BC				
	90° 52	30.0	31.5		QTR 1	- POORLY DEVELOPED TENSION GASHES	96.7	17092	.001				71.3
	40-50° 52	31.5	33.0		QTR 2	- 3 mm WIDE QTR VEIN RUNNING LENGTH OF INTERVAL PARALLEL TO CIA, LOCALLY OFFSET	96.7	17093	.001				96.7
	40° 51	33.0	34.5		/	- LIMONITIC WEATHERING - S2 FRAINT	94.7	17094	.001				63.0
	60° 51	34.5	36.0		/	- WELL FOLIATED - LIMONITIC FRACTURE SURFACES	94.7	17095	.001				72.7
	65° 75° 50 51	36.0	37.5		/	- @37.1 3.5cm WIDE BED OF CP WITH WEAK TENSION GASHES	98.7	17096	.001				88.7
	BANDS QTR vein 51 60° 75° 115°	37.5	39.0		QTR 7	- @38.0 10 cm WIDE LIMONITIC QTR VEIN - BANDS OF MICRO PORPHYROBLASTS	98.0	17097	.006				80.0
	50-60° 52	39.0	40.5		/	- BANDS AS ABOVE AND ALTERATION BANDS THAT HAVE BEEN CRENNULATED	99.3	17098	.001				88.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 6 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	POD
	51 60° 70°	40.5	42.0		QTZ 1	- SMALL SCALE DEFORMATION OVER MOST OF INTERVAL AS ABOVE	100	17099	.001			96.0
	70°	42.0	43.5		/	- LOCALLY PY ALONG KNOTS OF KNOTS - INCREASE IN KNOT SIZE	100	17100	.001			100
					<u>KP/BCP/CP</u>	<u>43.5 - 82.5</u>						
						INTERMITTANT QTZ VEIN SWARMS OVER UNIT. BCP PROXIMAL TO VEINS. VEINS CONTAIN 0-3% CARBONATE CLASTS, CHLORITE, AND SELICITE TR. VUGGY. MINOR CP AND GREY LIMST. ALTERATION CONSISTS OF WHITE CARBONATE (DOLOMITE?), ANKERITE, AND SIDERITE. QTZ VEINLET/ STRINGERS AND ALTERATION BANDS OFTEN CRENLATED AND/OR MICROFOLDED						
	50° 85°	43.5	45.0		QTZ 6	- BROKEN CORE - QTZ VEINS ≤ 6cm WIDE	96.7	17101	.001			56.0
	60° 105°	45.0	46.5		QTZ 4	- DEFORMED SILICEOUS BANDS LOCALLY	99.0	17102	.001			87.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 7 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RQD
		46.5	48.0		QTZ 5	- QTZ VEININGS \leq 1 cm WIDE - BANDING OF FINE PORPHYROBLASTS	98.7	17103	.001				98.7
		48.0	49.5		QTZ 3	- FOLIATION FAINT - LOCAL, SMALL SCALE DEFORMATION	92.0	17104	.001				84.0
TR SPHALERITE		49.5	51.0		QTZ 8	- QTZ VEINING \leq 5 cm WIDE - SPHALERITE REPLACING PO STRINGERS	98.7	17105	.001				94.7
		51.0	52.5		QTZ 3	- QTZ VEINLET RUNNING SUB-100° PARALLEL TO C/A - OFFSET AND DISCONTINUOUS - MICROFOLDED AND CRENNULATED QTZ VEINLETS	100	17106	.001				100
		52.5	54.0		QTZ 3	- DEFORMED QTZ VEINLETS AS - WELL FOLIATED	98.7	17107	.001				94.0
		54.0	55.5		QTZ 4	- SAME AS ABOVE	97.3	17108	.001				97.3
		55.5	57.0		QTZ 5	- QTZ VEINING \leq 2 cm WIDE - LOCALLY FRACTURED SUB-PARALLEL TO C/A	97.3	17109	.001				98.0

DIAMOND DRILL RECORD

 PROPERTY FERROE GOLD

 HOLE No. 90-116

 SHEET No. 8 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS						
		FROM	TO						Au	ME	BC	MAU	Other A	RDD	
						- SILICEOUS BANDS LOCALLY									
2% Po + Py, TR SPH	80° Q12 VEINS	57.0	58.5		Q12 46	- Q12 VEINING ± 17 CM WIDE	100	17110	.001	<.002					90.7
2% Po + Py	75° Q12 VEIN	58.5	60.0		Q12 37	- Q12 VEINING ± 17 CM WIDE - PREDOMINANCE OF VEINS RANDOMLY ORIENTED	96.0	17111	.003	.004					76.7
2% Po + Py, TR CPY	75° Q12 VEINS	60.0	61.5		Q12 11	- Q12 VEINING ± 9 CM WIDE - FOLIATION FAINT	100	17112	.032	.019					99.3
3% Py + Po	70° 75° 30° Q12 VEINS 51	61.5	63.0		Q12 20	- Q12 VEINING ± 15 CM WIDE	95.3	17113	.004	.030					91.7
3% Po + Py, TR CPY	75° Q12 VEIN	63.0	64.5		Q12 49	- @ 64.41- 64.62, 21 CM WIDE Q12 VEIN - VEINING OVER INTERVAL	100	17114	.001	<.002					100
2% Po, TR Py	70° 51	64.5	66.0		Q12 13	- INTERMITTANT Q12 VEINING — 21 CM WIDE VEIN FROM ABOVE EXTENDING OVER SAMPLE INTERVAL - PO + PY REPLACING DOLOMITE IN MATRIX	100	17115	.009	<.002					89.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 10 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME BC		MAU	Other A	ROD
	70° /	75.0	76.5		QTZ 10	- QTZ VEINING ≤ 10 CM WIDE - DEFORMATION CONTINUING TO 75.5, LOCALLY FRACTURED SUB- PARALLEL TO CIA - SILICEOUS BANDS LOCALLY	100	17122	.001	.005			79.7
	70° /	76.5	78.0		QTZ 4	- CORE PALL (GREY LOCALLY DUE TO ALTERATION) - CP LOCALLY	100	17123	.001	<.002			100
2-3% P4 AS SPRINGS + DISS	80° /	78.0	79.5		QTZ 5	- BANDS OF CARBONATE AND QTZ - QTZ VEINING ≤ 2 CM WIDE	95.3	17124	.012	.023			95.3
2-3% P4 + PO AS R616	50° +	79.5	81.0		QTZ 11	- QTZ VEINS/RODS ≤ 13 CM WIDE - VEINS MICROFOLDED/CREDULATED - SZ FAINT	99.3	17125	.001	<.002			99.3
TR CP4, 4% PO, P4		81.0	82.5		QTZ 20	- QTZ VEINING ≤ 8 CM WIDE, RANDOMLY ORIENTED - STRONG CARBONATE ALTERATION IN MATRIX AT BOTTOM OF INTERVAL	100	17126	.001	<.002			100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 11 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	AG	MAu	Other A	RGD	
						TUFF?/KP/BCP								
						<u>82.5-91.5</u>								
						GRADATIONAL CONTACT - KP AND BCP LOCALLY. INTERMITTENT QZ VENING OVER UNIT. VEINS WITHIN TUFF CONTAIN FEW DOLOMITE CLOTS. VEINS WITHIN KP CONTAIN DOLOMITE CLOTS, SERICITE, CHALCITE, TR. KINGS. LOCALLY WITHIN TUFF SILICEOUS BANDS ORIENTED PARALLEL TO CIA. FINE DISS SULPHIDES OVER UNIT.								
5% P ₄ +P ₆	SILICEOUS BANDS (50) 180°	82.5	84.0			QZ 35 - @ 82.79-83.23, 44 CM WIDE QZ VEIN FRACTURED PARALLEL TO CIA - VENDING OVER INTERNAL	100	17127	.001	4.002				100
5-7% P ₀ +P ₄	50° 50, 52°	84.0	85.5			- BEDDING RETURNING TO NORMAL ORIENTATION	100	17128	.001					100
3% P ₀ +P ₄	50° QZ VEIN	85.5	87.0			QZ 3	94.7	17129	.001					85.3
3% P ₀ +P ₄		87.0	88.5			QZ 2 - WEAK DEFORMATION SUB- PARALLEL TO CIA	100	17130	.001					100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 12 of 14

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	Ag	BC	MAU	Other A	ROD
4% PO + PY TR SPH	75° QTZ VEIN	88.5	90.0		QTZ 15	QTZ VEINING ± 4 cm WIDE WITHIN BCP	97.3	17131	.001					91.7
5-7% PO + PY	70° VTN, 50, 51	90.0	91.5		QTZ 33	QTZ VEINING ± 7 cm WIDE WITHIN TRUF AND BCP	97.3	17132	.001					92.0
3% DISS PY				CP		<u>91.5-108.2</u> GRADATIONAL CHANGE TO CP. PREDOMINANTLY WELL LAMINATED. LOCALLY LAMINAE INSTEAD WITH CARBONATE OCCURRING IN MATRIX INSTEAD. LOCALLY QTZ VEINING WITH CALCITE ALONG SELVAGES AND IN CENTER — DEVOID OF ALTERATION. @ 96.0-102.0 m BROKEN, RUBBLY CORE — SHEAR ZONE? (LOST CIRCULATION). @ 106.5-108.2 BROKEN, RUBBLY CORE — SHEAR ZONE(?) @ 70-75° TO QA.								
	70° 50, 51 52	91.5	93.0		QTZ 13	QTZ VEINS, ROLLS, LENSES ± 2 cm WIDE - WEAK DEFORMATION	95.3	17133	.001					100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-116

 SHEET No. 13 of 14

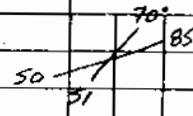
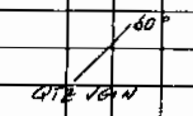
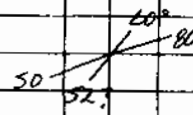
TEXTURE, ALTER'N. MINERALIZATION ETC	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	GC	MAU	Other A	RQD
	38° / QTZ VEIN + S2	93.0	94.5		QTZ 11	- QTZ VEINING ± 4 cm WIDE	100	17134	.001				84.0
	30° / 50 52	94.5	96.0		QTZ 11	- QTZ VEINING ± 11 cm WIDE - LOCALLY BLACK LMST AND GREY SILTY LMST	100	17135	.001				24.7
	70° / 50, 51	96.0	97.5		—		60.3	17136	.001				16.7
	30° / 52	97.5	99.0		—	- LOCALLY LAMINAE ABSENT - PY REPLACING CALCITE - LOST CIRCULATION	100	17137	.001				23.3
		99.0	100.5		—	- LOCALLY LAMINAE ABSENT - LOST CIRCULATION	59.3	17138	.001				0
	60° / 52	100.5	102.0		QTZ 1	- WEAK 'Z' FOLD - LOST CIRCULATION	100	17139	.001				30.0
	58° / 50 52	102.0	103.5		QTZ 21	- QTZ VEINS/ROLLS ± 12 cm WIDE - WEAK DEFORMATION - RECOVER CIRCULATION	100	17140	.001				34.7
	50° / QTZ VEIN	103.5	105.0		QTZ 5	- QTZ VEINING ± 5 cm WIDE	96.0	17141	.001				30.7

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-117

SHEET No. 2 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		9.0	10.5		QZ 1	- PREDOMINANTLY C'S	74.7	17197	.001			2.0
		10.5	12.0		QZ 2	- @ 10.9-11.14, 2A CM WIDE QZ VEIN, FRACTURED AND LIMONITIC WITH DOLOMITE CLOTS - @ 10.78, 10 CM OF FINE RUBBLE	76.7	17198	.001	<.002		7.0
		12.0	13.5		QZ 3	- LOCAL DEFORMATION	80.7	17199	.001	<.002		7.0
					KP/BCP/SLST	<u>13.5 - 30.0</u> BCP PROXIMAL TO INTERMITTANT QZ VEIN SWARMS. VEINS CONTAIN DOLOMITE CLOTS, TR SERICITE, TR CHALCITE, TR VUGS, TR SULPHIDES. LOCALLY PALE GREY BANDS OF STRONG SILICIFICATION AND SLST. MINOR BANDING. SECONDARY DOLOMITE AND ANKERITE IN MATRIX. LIMONITIC FRACTURES LOCALLY.						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 3 of 23

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAu	Other A	RQD
		13.5	15.0			- TRACKS OF ANKERITE	94.7	17150	.001	<.002			76.7
		15.0	16.5		QTZ 5	- QTZ VEINING ≤ 3 cm WIDE - BANDS OF ANKERITE - GRAPHITIC PARTINGS	83.3	17151	.002	.004			21.3
		16.5	18.0		QTZ 41	- @ 16.5-16.92, 42 cm WIDE QTZ VEIN, SLIGHTLY LIMONITIC AND REVOID OF SULPHIDES - QTZ VEINING OVER INTERVAL - LOCALLY ANKERITIC BANDS	88.7	17152	.011	.004			40.6
		18.0	19.5		QTZ 33	- QTZ VEINING ≤ 17 cm WIDE - SMALL '2' GOLD	93.3	17153	.004	.003			32.3
		19.5	21.0		QTZ 21	- @ 19.57-19.78, 21 cm WIDE QTZ VEIN - VEINING OVER INTERVAL	88.7	17154	.001	<.002			62.7
		21.0	22.5		QTZ 21	- QTZ VEINING ≤ 10 cm WIDE - SILICEOUS BANDS PROXIMAL TO VEINS, OFTEN RANDOMLY ORIENTED	85.3	17155	.001	.003			46.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 4 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
	70° / \	22.5	24.0		QTE 17	- QTE VEINING ± 8 cm WIDE - FOLIATION FAINT	96.0	17156	.001	<.002			48.0
	QTE VEIN												
	70° / \	24.0	25.5		QTE 8	- QTE VEINING ± 8 cm WIDE - FOLIATION FAINT	99.0	17157	.001	<.002			82.0
	QTE VEIN												
	50° 60-90° / \ S2	25.5	27.0		QTE 9	- QTE VEINING ± 3 cm WIDE	93.3	17158	.001				53.3
	QTE VEINS												
	SILICEOUS BANDS(S2) 30° 60° / \ S1	27.0	28.5			- LIMONITIC PARTINGS	80.0	17159	.001				38.7
	S2												
	50° 70° / \ S2	28.5	30.0		QTE 13	- QTE VEINING ± 7 cm WIDE	90.6	17160	.001				40.0
	QTE VEIN												
					KP/SLST	<u>30.0-40.5</u>							
						INTERBEDDED SLST ± 25 cm WIDE. BROKEN CORE MOST OF UNIT. LIMONITIC LOCALLY. ALTERATION CONSISTS OF WHITE CARBONATE (DOLOMITE?) AND MICAHITE/SIDERITE. INTERMITTENT QTE VEINING. VEINS CONTAIN							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 6 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOGICAL DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	MAu	Other A	RQD	
QTZ VEIN	60°	39.0	40.5		QTZ 7	- QTZ VEINING ≤ 11 cm WIDE	86.7	17167	.008	<.002				47.3
	50°				KP/BCP	<u>40.5-46.5</u> WELL KNOTTED EXCEPT PROXIMAL TO QTZ VEIN SWARMS WHERE BCP PRESENT. VEINS CONTAIN CARBONATE CLASTS, CHLORITE, SERICITE, TRILUGS. ANKERITE/ SIDERITIC ALTERATION AND DOLOMITIC? ALTERATION LOCALLY, LOCALLY LIMONITIC								
	70°	40.5	42.0		QTZ 19	- QTZ VEINING ≤ 18 cm WIDE - LOCALLY BANDS OF FINE PORPHYROBLASTS	90.0	17168	.001	<.002				48.0
Side QTZ VEINS	50°	42.0	43.5		QTZ 20	- QTZ VEINING ≤ 7 cm WIDE - LOCALLY FRACTURES SUB-PARALLEL TO C/A	98.7	17169	.001	<.002				70.0
QTZ VEIN	50°	43.5	45.0		QTZ 39	- QTZ VEINING ≤ 13 cm WIDE - @ 44.32 - 44.47 QTZ VEINS TOTALLY REPLACED BY CARBONATE CLASTS AND CHLORITE	100	17170	.003	.006				68.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 7 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RD
	45° 65° S1 S2	45.0	46.5		QTZ 15	- QTZ VEINING ≤ 9 cm WIDE - LOCALLY MICROFOLDED / CRENULATED QTZ VEINLETS.	93.3	17171	.001	<.002			18.0
				KP	<u>46.5-60.0</u>	WELL KNOTTED OVER UNIT. LOCALLY BANDS OF FINE PORPHYROBLASTS. ALTERATION CONSISTS OF WHITE CARBONATE (DOLOMITE) IN MATRIX, ALONG RIMS OF KNOTS, AND LOCALLY IN BANDS WITH SILICA. ALSO LOCAL SIDERITE/HAUKERITE ALTERATION. LOCALLY LIMONITIC KNOTS AND FRACTURES.							
	51 55°	46.5	48.0		—	- FRACTURED CORE PARALLEL TO C/A OVER TOP HALF OF INTERVAL - LIMONITIC - LOCALLY QTZ STRINGERS/ VEINLETS CRENULATED - S2 FAINT	96.0	17172	.001	<.002			22.7
	50° S2	48.0	49.5		—	- S1 AND S2 FAINT	91.3	17173	.001				84.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 8 of 23

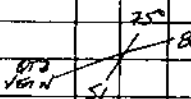
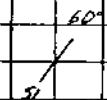
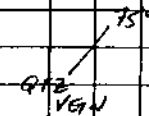
TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
	75° QZ VEIN, SP, SI	49.5	51.0		QZ 5	- @ 50.2, 8 CM WIDE QZ VEIN - LOCALLY MICROFOLDED QZ STRINGERS / VEINLETS	88.7	17174	.001				78.7
	70° SI	51.0	52.5		/		98.7	17175	.002				89.3
	65-70° SI	52.5	54.0		/	- WELL FOLIATED	94.0	17176	.001				77.3
	75° SI	54.0	55.5		/	- LOCALLY MICROFOLDED AND CRENULATED QZ STRINGERS	94.6	17177	.001				72.7
	50° QZ VEINLETS SI	55.5	57.0		QZ 1	- LIMONITE, MUGGY QZ VEINLETS	83.3	17178	.001				70.3
	40-50° SI	57.0	58.5		/		100	17179	.001				83.0
	70° SI	58.5	60.0		QZ 7	- @ 59.72, 10 CM WIDE QZ VEIN WITH DOLOMITE CLOTS, TR. CHLORITE, SERICITE	94.7	17180	.001				42.7
	50°				KP/BCP	<u>60.0-73.5</u>							
						WELL KNOTTED EXCEPT WHERE INTERMITTANT QZ VEINING, BCP PROXIMAL TO VEINS. VEINS CONTAIN DOLOMITE CLOTS, CHLORITE,							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 9 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	MAu	Other A	RDD
						SEPICATE, TR VEGS. LOCALLY LIMONITIC WEATHERING, DOLOMITE IN MATRIX AND ALONG RIMS OF KNOTS. LOCALLY ANKERITE/ SIDERITE IN MATRIX.							
		60.0	61.5		QTZ 21	- QTZ VEINING ± 18 CM WIDE - LOCALLY BANDS OF MICRO PORPHYROBLASTS	100	17181	.001				100
		61.5	63.0		QTZ 9	- @61.56, 14 CM WIDE QTZ VEIN - FOLIATION FAINT	99.3	17182	.001				93.3
		63.0	64.5		/	- FOLIATION FAINT - LOCALLY MICROFOLDED QTZ STRINGERS	100	17183	.001				100
		64.5	66.0		QTZ 18	- @65.23-65.46, 23 CM WIDE TR LIMONITIC QTZ VEIN - LOCALLY VEINS, ± 2 CM WIDE, TOTALLY REPLACED BY DOLOMITE CLOTS - FOLIATION FAINT	100	17184	.001				100

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

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 SHEET No. 10 of 23

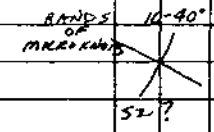
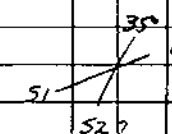
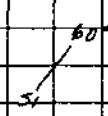
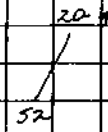
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BL	MAu	Other A	RQD
	65° / 51	66.0	67.5			- LOCALLY FRACTURES SUB-PARALLEL TO CIA - MICROFOLDED SILICEOUS VENTILITS	100	17185	.001				68.7
	60° / QTZ SPINDLES	67.5	69.0		QTZ 3	- HARLINE FRACTURES @ 50° TO CIA WITH CARBONATE ALTERATION	90.0	17186	.001				40.0
		69.0	70.5		QTZ 20	- QTZ VEINING ≈ 17 CM WIDE - LOCALLY QTZ VEINS, ≈ 2 CM WIDE, TOTALLY REPLACED BY DOLOMITE CLOTS - STRONGLY SIDERITIC - BROKEN, RUBBY CORE FRACTURED SUB-PARALLEL TO CIA	98.3	17187	.003				49.3
		70.5	72.0			- HIGHLY SIDERITIC MATRIX - FOLIATION FINER	100	17188	.002				90.7
	60° 67° / 51 QTZ VEIN	72.0	73.5		QTZ 27	- QTZ VEINING ≈ 15 CM WIDE - BROKEN CORE, VUGGY AND LIMONITIC - LOCALLY FRACTURES SUB-PARALLEL TO CIA	100	17189	.001				58.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-117

 SHEET No. 11 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						FA ME OC		MAu	Other A	RQD	
				HP		<u>73.5-88.5</u>								
						WELL KNOTTED. LOCALLY LIMONITIC, BROKEN, RUBBLY CORE. DOLOMITIC ALTERATION VARYING FROM WEAK TO STRONG. MICROFOLDED QTZ VEINLETS AND STRINGERS								
		73.5	75.0			- BANDS OF MICRO PORPHYROBLASTS	89.3	17190.001					66.0	
		75.0	76.5			- FOLIATION FAINT	99.3	17191.001					86.7	
		76.5	78.0			- FOLIATION WAVY	95.3	17192.001					77.3	
		78.0	79.5	QTZ 1		- LOCALLY DISCONTINUOUS BANDS OF MICRO PORPHYROBLASTS	98.7	17193.001					84.7	

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-117

 SHEET No. 12 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	PQD
		79.5	81.0				97.3	17194	.001				66.0
		81.0	82.5		QTZ 10	- @ 81.6 15 cm wide Qtz vein with carbonate clasts, chlorite, sericite, tr. vugs and limonite	100	17195	.001				100
		82.5	84.0			- FOLIATION FAINT	100	17196	.001				94.7
		84.0	85.5			- LOCALLY WEAK BAND OF FINE PORPHYROBLASTS	100	17197	.001				88.0
		85.5	87.0			- SAME AS ABOVE	94.7	17198	.001				94.7
		87.0	88.5			- S1 AND S2 QUITE FAINT	100	17199	.001	<.002			100
					KP/BCP	<u>88.5-94.5</u>							
						WELL KNOTTED EXCEPT IN VICINITY OF QTZ VEINING. VEINS CONTAIN CARBONATE CLASTS, SERICITE, CHLORITE, TR VUGS. OFTEN SEAMED BY BLACK PHYLLITE.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 15 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 60°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	GC	MAu	Other A	R&D
	60°	102.0	103.5		/	- STRONGLY LIMONITIC @ 103.0 - 103.5 - @ 102.7 TENSION GASHES - BANDS OF MICRO PORPHYROBLASTS	100	17209	.001				92.7
	50°	103.5	105.0		/	- LIMONITIC FRACTURES SUB- PARALLEL TO ϕ P - LOCALLY CRENULATED QZ STRINGERS	100	17210	.001				65.3
	50°	105.0	106.5	QTZ 1	/	- QTZ VEIN SUB-PARALLEL TO C/A WITH FOLIATION CUTTING IT - STRONG CARBONATE ALTERATION IN MATRIX	98.7	17211	.001				86.7
	50-60°	106.5	108.0		/	- LOCALLY BANDS OF MICRO PORPHYROBLASTS	100	17212	.001				100
	60°	108.0	109.5		/	- SAME AS ABOVE - FAIRLY STRONG DOLOMITIC ALTERATION IN MATRIX	100	17213	.001				99.3
	60°	109.5	111		/	- SAME AS ABOVE	94.7	17214	.001				82.7

 BANDS
OF
QUARTZ

S1

S1

S2

S1

S2

S2 & S1?

BANDS

S1

S1

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-117

SHEET No. 16 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS						
		FROM	TO						Au	ME	Ag	MAu	Other A	KQD	
1-2% DISS PY	50°	111.0	112.5			- LOCALLY FINE SILICEOUS BANDS - FOLIATION FAINT - PY CUBES REPLACING KILAT AND CARBONATE IN MATRIX	100	17215	.018	<.002				100	
SILICEOUS BANDS (6%)	52°														
					BCP/KP	<u>112.5-118.5</u>									
						QTZ VEINING OVER INTERVAL WITH BCP PROXIMAL TO VEINS. KP LOCALLY. VEINS CONTAIN CARBONATE CLASTS, CHLORITE, TR SERICITE/UGGS. CARBONATE (CALCITE, DOLOMITE?, ANKERITE) ALTERATION IN MATRIX.									
	70°	112.5	114.0		QTZ 19	- @113.87-114.08, 21 cm WIDE QTZ VEIN; VEINING OVER INTERVAL - LOCALLY FINE SILICEOUS BANDS	100	17216	.002	<.002				87.3	
2% Py + Po	70°	114.0	115.5		QTZ 33	- QTZ VEINING ≤ 12 cm WIDE	96.7	17217	.004	<.002				93.3	
3% Py + Po, TR CPY	60° 70°	115.5	117.0		QTZ 43	- QTZ VEINING ≤ 12 cm WIDE - BANDS OF ANKERITE/SIDERITE	93.3	17218	.001	<.002				93.3	

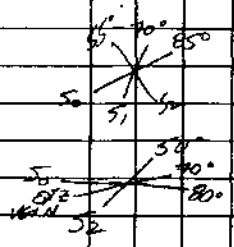
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 17 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	Au	MAU	Other A
		117.0	118.5		QTZ 5	- QTZ VEINING ≤ 3 cm WIDE - FOLIATION FAINT - STRONG CARBONATE ALTERATION	100	17219	.001				100
				KP	<u>118.5 - 138.0</u>	WELL KNOTTED. MOST OF UNIT LOCALLY CALCAREOUS MATRIX AND LAMINATIONS - KNOTS STILL PRESENT. MINOR INTERMITTENT QTZ VEINING. DOLOMITIC? ALTERATION IN MATRIX AND ALONG RIMS OF KNOTS.							
		118.5	120.0		—	- BANDS OF FINE PORPHYROBLAST	100	17220	.001				100
		120.0	121.5		QTZ 2	- FOLIATION FAINT - LOCALLY PY REPLACING CARBONATE ALONG RIMS OF KNOTS	96.0	17221	.001				96.0



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 18 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
		121.5	123.0			- SAME AS ABOVE - FINE SILICEOUS BANDS LOCALLY	92.0	17222	.001			92.0	
		123.0	124.5		QTZ 3	- @123.69, 4 CM WIDE QTZ VEIN WITH DOLOMITE CLOTS, TR CHLORITE AND SERICITE - MICROFOLDED AND CRENNULATED QTZ STRINGERS	100	17223	.001			98.7	
		124.5	126.0			- BROKEN, SLIGHTLY FRACTURED LORE - SILICEOUS AND CALCAREOUS LAMINAE	100	17224	.001			63.3	
		126.0	127.5			- SAME AS ABOVE - WELL FOLIATED	78.7	17225	.001			71.3	
TR SPH		127.5	129.0		QTZ 5	- QTZ VEINLET 6.4 CM WIDE WITH DOLOMITE CLOTS, TR CHLORITE, TR SERICITE, TR JAS	98.7	17226	.007			84.7	
TR SPH		129.0	130.5		QTZ 25	- @129.37-129.57, 20 CM WIDE QTZ VEIN - QTZ VEINING WITH DOLOMITE CLOTS - SILICEOUS LAMINAE LOCALLY - BANDS OF MICRO PORPHYROBLASTS	100	17227	.001			70.0	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 19 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 55°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAu	Other A	RQD
	51 52	70°	132.5	132.0		QZ 5 - QZ VEINS/ROLLS ≈ 2 cm WIDE RANDOMLY ORIENTED WITH TR DOLOMITE CLOTS - STRONG DOLOMITIC ALTERATION - LOCAL DEFORMATION	100	17228	.002				82.0
3-4% DISS + STRINGER PY	51 52	50° 70°	132.0	133.5		QZ 1 - BANDS OF MICROKNOTS - STRONG DOLOMITIC ALTERATION - PY REPLACING DOLOMITE IN MATRIX AND ALONG KNOTS	100	17229	.010				95.3
5% DISS + STRINGER PY, TR PO	Gouge	60°	133.5	135.0		QZ 2 - BROKEN CORE WITH TR GOUGE @ 134.02 - STRONG CARBONATE AND SILICEOUS ALTERATION - PY AS ABOVE INTERVAL	100	17230	.011				78.0
4-5% STRINGER PY, TR PO	52	50°	135.0	136.5		QZ 2 - FOLIATION FINST - MICROFOLDED AND GRANULATED QZ VEINLETS	100	17231	.001				86.0
4-5% STRINGER PY, TR PO	51	70°	136.5	138.0		QZ 15 - QZ VEINING ≈ 13 cm WIDE WITH DOLOMITE CLOTS, CHLORITE, SERICITE - VEINS RANDOMLY ORIENTED - DEFORMATION	100	17232	.001				91.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 70 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						ME	AG	MAU	Other A	RDD	
					CP/LMST	<u>138.0-161.5</u>								
						GRADATIONAL CONTACT BETWEEN KP AND CP, WELL LAMINATED MOST OF UNIT. LOCALLY GREY AND BLACK LMST. LOCALLY DEFORMATION. GRADATIONAL DECREASE IN PY OVER UNIT. BROKEN CORE, LOCALLY RUBBLE.								
4-5% DISS & STRIDGES PY		138.0	139.5		✓	- SMALL LENSUS OF QTZ AND CALCITE - PY REPLACING QTZ/CARBONATE LENSUS	98.7	17235.001					98.7	
3-5% DISS PY		139.5	141.0		QTZ 1	- SAME AS ABOVE - LAMINATIONS DEFORMED	98.7	17234.001					38.7	
5% DISS PY		141.0	142.5		QTZ 2	- QTZ VEINS/VEINLETS RANDOMLY ORIENTED - SMALL SCALE DEFORMATION (SMALL 'Z' FOLDS) - S ₂ FAINT	92.7	17235.001					80.3	
4% DISS & STRIDGES PY		142.5	144.0		✓	- DEFORMATION TOP HALF OF INTERVAL AS ABOVE	89.7	17236.001					90.7	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 21 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	Ag	MAU	Other A	P.P.T.
3% STRINGER & DISS PY S ₀ , QZ VEIN S ₂	45° 80°	144.0	145.5		QTZ 1	- WEAK LAMINATED LYST. OF INTERVIL - LOCALLY GRAY AND BLACK LMST - LOCALLY LAMINATIONS CIRCULARIZED	100	17237	.001					70.0
1% DISS & STRINGER PY S ₁	55°	145.5	147.0			- SAME AS ABOVE - LOCALLY FRACTURES SUB-PARALLEL TO CIA	100	17238	.001					63.3
4% PY AS ABOVE S ₁	70° 80°	147.0	148.5		QTZ 11	- QTZ VEINING ≤ 5 cm WIDE; DEVELOP OF CARBONATE CLASTS, ALTERATION, AND SULPHIDES - VEINS RANDOMLY ORIENTED - LOCALLY FRACTURES SUB-PARALLEL TO CIA	96.7	17239	.001					52.7
2% STRINGER & DISS PY S ₀ S ₂ (AXIAL PLANE)	70° 80°	148.5	150.0		QTZ 1	- FRACTURE PARALLEL TO SUB-PARALLEL TO CIA - LOCALLY GRAY AND BLACK LMST - SMALL 'Z' FOLD	96.7	17240	.001					16.7
	75° 85°	150.0	151.5		QTZ 6	- QTZ VEINING ≤ 5 cm WIDE CONTAINING GALLITE ALONG SELVAGES; VEINS RANDOMLY ORIENTED - WEAK DEFORMATION	100	17241	.001					86.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-117

 SHEET No. 22 of 23

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	PGL
	50	151.5	153.0		QTZ 2	- LOCALLY FRACTURED PARALLEL TO SUB-PARALLEL TO C/A - WEAK DEFORMATION - RUBBLE BOTTOM OF INTERVAL	100	17242	.001			6.7
1-2% DISS + STRINGER PY	50	153.0	159.5			- SAME AS ABOVE	100	17242	.001			17.3
2% PY IS ABOVE	50	154.5	156.0		QTZ 1	- LOCALLY FRACTURED PARALLEL TO C/A - SMALL 'Z' FOLDS	97.3	17244	.001			66.7
1-2% STRINGER PY	50 & 51	156.0	157.5		QTZ 1	- LOCALLY BEDDING SUB-PARALLEL TO C/A	95.3	17245	.001			62.7
	50	159.5	159.0		QTZ 4	- QTZ VEINING ≤ 4 cm WIDE CONTAINING CALCITE ALONG SELVAGES - LOCALLY GREY AND BLACK LMST	95.3	17246	.001			50.0
1-2% DISS + STRINGER PY	50	159.0	160.5		QTZ 1	- LAMINATIONS DEFORMED LOCALLY - BLACK LMST LOCALLY	88.0	17247	.001			60.7
	50	160.5	161.5		QTZ 7	- QTZ VEINING ≤ 6 cm WIDE WITH CALCITE ALONG SELVAGES	100	14248	.001			100

QTZ (hand)

Part 2
of 3
20547

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-118

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
127 m	-57°	042°

Hole Size 110
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 042°

Total Depth 130.3 m
 % Recovery.....
 Elev. Collar 1502.4 m
 Latitude -45.796
 Departure 6962.162

Sheet No 1 of 15
 Logged by M. S. WATSON
 Date Begun AUGUST 9, 1990
 Date Finished AUGUST 11, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						ME	BL	MAU	Other A	RQD	
		0	21.8	OVB										
				KP/BCP		<u>21.8-31.5</u>								
						KNOTS GENERALLY SMALL SOMETIMES FAINT. QTZ VEINING OVER UNIT WITH DOLOMITE CLASTS, SERICITE, CHLORITE, TR VULS. DOLOMITE AND SIDERITE FORMING BANDS AND LAMINAE. LOCALLY LIMONITE.								
	50-70° 77° 50 QTZ VEINS	21.8	24.0			QTZ 34 - @ 22.9-23.24, 23 CM WIDE QTZ VEIN - VEINING OVER INTERITAL	99.5	17249	.005	<.002			86.4	
	67° 70° 80° 50 QTZ VEIN	24.0	25.5			QTZ 23 - QTZ VEINING ± 10 CM WIDE - P4 AND P0 REPLACING CARBONATE AND QTZ STRINGERS	100	17250	.001	.003			100	
TR SPH	50° 80° 50, QTZ VEINS	25.5	27.0			QTZ 13 - QTZ VEINING ± 6 CM WIDE - P0 & P4 AS ABOVE	100	17251	.002	.005			83.3	
	50 80° QTZ VEINS	27.0	28.5			QTZ 7 - QTZ VEINING ± 3 CM WIDE - LOCAL DEFORMATION - S7 FAULT	98.0	17252	.003	<.002			82.0	
2% P1+P0, TR SPH	40-50° 50°	28.5	30.0			QTZ 23 - QTZ VEINING ± 9 CM WIDE	100	17253	.001	<.002			76.7	

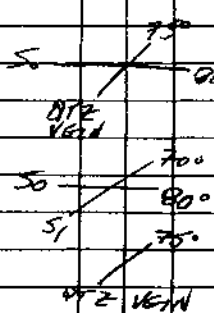
DIAMOND DRILL RECORD

 PROPERTY FRASERHOLD

 HOLE No. 90-118

 SHEET No. 2 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAU	Other A	ROA
TR SPHALERITE	70°	30.0	31.5		QTZ 13	- QTZ VEINING \approx 9 CM WIDE - PREDOMINANCE OF VEINS RANDOMLY ORIENTED	91.3	1725A	.008	.007			58.7
					<u>KP/SLST</u>	<u>31.5-36.0</u>							
						KNOTTED MIST OF UNIT- SLST BEDS \leq 70 CM WIDE COMPRISING \sim 30% OF UNIT. LOCALLY LIMONITIC BROKEN CORE. INTERMITTANT QTZ VEINING CONTAINING CARBONATE CLASIS, CHLORITE, SERICITE, TR NUGS							
	75°	31.5	33.0		QTZ 11	- QTZ VEINING \approx 8 CM WIDE	97.3	1725S	.003	.005			68.7
	70°	33.0	34.5		QTZ 8	- QTZ VEINING \approx 3 CM WIDE - LOCALLY STRINGERS OF ANKERITE/SIDERITE	92.0	1725L	.001				41.3



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 3 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA		MAu	Other A	RQD
				Au		BC							
	53° QTZ VEIN	34.5	36.0		QTZ 9	- QTZ VEINING ± 4 CM WIDE - LOCALLY MICROFOLDED AND "CORRULATIONS" - S ₁ , S ₂ FAULT	93.3	17257	.001	.002			30.7
				KP	<u>36.0 - 69.0</u>	WELL KNOTTED, INTERMITTANT QTZ VEINING CONTAINING CARBONATE (DOLOMITE?) CLASTS, CHALCITE, SERICITE, TR VUGS. DOLOMITIC ALTERATION IN MATRIX AND ALONG RIMS OF KNOTS. LOCALLY KNOBBLIC BROKEN CORE							
	75° S ₀ S ₁	36.0	37.5		—	- LOCALLY SILTY HORIZONS ± 5 CM WIDE - LOCALLY MICROFOLDED / CORRULATED QTZ / CARBONATE STRINGERS	98.0	17258	.001	<.002			67.3
		37.5	39.0		QTZ 3	- LOCALLY BANDS OF FINE PORPHYROBLASTS AND TRACKS OF ANKERITE / SIDERITE	97.3	17259	.001	<.002			75.3
	50° S ₂	39.0	40.5		—	- LOCALLY LIMONITIC FRACTURES SUB-PARALLEL TO PARALLEL	97.3	17260	.001	<.002			30.6

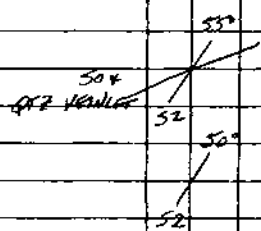
DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-110

 SHEET No. 5 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						FA		MAu	Other A	R0D	
		Au	Ag											
		48.0	49.5			- LOCALLY TRACES OF MICRO PORPHYROBLASTS SUB-PARALLEL TO CIA - FOLIATION FAINT	91.3	17266	.001	<.002				84.7
		49.5	51.0			- LOCALLY MICROFOLDED AND CRECULATED QTZ STRINGERS	100	17267	.001	.003				71.3
		51.0	52.5			- BANDS OF MICRO PORPHYROBLASTS	100	17268	.001	<.002				99.3
		52.5	54.0	QTZ 1		- LOCALLY FRACTURED PARALLEL TO SUB-PARALLEL TO CIA - SILICEOUS LENSES - BAND OF CARBONATE ALTERATION FOLDED ALONG CIA - S1 AND S2 FAINT DUE TO STRONG ALTERATION	98.3	17269	.001	<.002				63.3
		54.0	55.5			- BROKEN, RUBBLY CORE - POLYMETIC LAMINAE - WEAK 'Z' FOLD	97.3	17270	.001	<.002				39.7



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 6 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	AC	MAU	Other A	RQD
	80° 50, QTR VEIN	55.5	57.0		QTR 13	- QTR VEINING ≤ 15 CM WIDE - INTERBEDDED BLACK LIMST ≤ 4 CM WIDE - SILICEOUS BANDS	92.7	17271	.001	.008	.009		62.0
	40° 55° 40° 51 52	57.0	58.5		/	- STRONG DOLOMITIC ALTERATION AND HIGHLY SIDERITIC	100	17272	.001	.009	.005		94.0
	50° 52	58.5	60.0		/	- LOCALLY LIMONITIC FRACTURES SUB-PARALLEL TO G/A - SAME AS PREVIOUS INTERVAL	92.7	17273	.001	.006	.006		46.0
	60° 65° 51 QTR VEIN	60.0	61.5		QTR 13	- QTR VEINING ≤ 8 CM WIDE - FRACTURED CORE AS ABOVE - FINE SILICEOUS AND CARBONATE BANDS	100	17274	.001	.011	.012		92.0
	60° 51	61.5	63.0		QTR 7	- QTR VEIN TOP OF INTERVAL - STRONG CARBONATE ALTERATION	98.7	17275	.001	.015	.012		91.3
	50° 70° 51 52	63.0	64.5		/	- LIMONITIC FRACTURES PARALLEL TO G/A - ALTERATION AS ABOVE	100	17276	.001	.014	.016		72.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 7 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	BL	MAu	Other A	R.D.
	45° 50°	64.5	66.0		QTZ 3	- BROKEN LIMONITE CORE - WELL DEVELOPED CALCITE CRYSTALS ON FRACTURE SURFACE OF QTZ VEIN - LAMINAE OF DOLOMITE	97.3	17277	.001	.057	.049		38.0
	60° 50°	66.0	67.5		/	- LOCALLY DOLOMITE LAMINAE	100	17278	.001	.007	.015		64.7
	60° 50°	67.5	69.0		QTZ 12	- QTZ VEINING ± 4 CM WIDE - SILICEOUS AND DOLOMITIC LAMINAE	99.3	17279	.001	.004	.006		54.7
					LMST/CP	<u>69.0-72.0</u> GREY AND BLACK LMST WITH CP LOCALLY. MINOR KNOTS WITH CALcareous LAMINAE AT TOP OF UNIT. CALCITE VEINS WITHIN LMST. LOCALLY BROKEN LIMONITE CORE							
	50-60° 60° 50° 50°	69.0	70.5		QTZ 3	- S2 FAULT	100	17280	.001	.006	.010		30.0

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-118

SHEET No. 8 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	BC	AG	MAu	Other A	RGD
	50° 52	70.5	72.0		/	- ~6% CALCITE VEINS AND LENSES ≤ 2 cm WIDE - LOCAL DEFORMATION - WEAK '2' FOLD	100	17201	.001	.003	.004			88.0
					KP/BCP	<u>72.0-102.0</u> KNOTS PRESENT EXCEPT PROXIMAL TO QTZ VEINING WHERE BCP PRESENT. QTZ VEINS CONTAIN DOLOMITE CLOTS, SERICITE, CHLORITE, TR VUGS. DOLOMITIC ALTERATION IN MATRIX AND ALONG RIMS OF KNOTS. LOCALLY LIMONITIC FRACTURES.								
	50° 52	72.0	73.5		QTZ 13	- QTZ VEINS AND ROLLS ≤ 9 cm WIDE - VEINS SLIGHTLY LIMONITIC - LIMONITIC CORE FRACTURED SUB-PARALLEL TO CIA - '2' FOLD	96.7	17202	.001	.084	.088			21.3
	50° 52	73.5	75.0		/	- FOLIATION FAINT - LOCALLY MICROFOLDED AND CRENNULATED QTZ STRINGERS	100	17203	.001	.003	.004			64.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 9 of 15

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS					
		FROM	TO						ME	BC	Au	MAu	Other A	R0D
		75.0	76.5			- FOLIATION FAINT	97.3	17284	.001					95.3
		76.5	78.0			- BANDS OF MICRO PORPHYROBLASTS	100	17285	.001					100
V6		78.0	79.5		QTZ 12	- QTZ VEINING ≤ 15 cm WIDE - SILICEOUS LAMINAE LOCALLY - @ 79.28 V6 ALONG SELVAGE OF DOLOMITE CLOT	100	17286	.004					95.3
		79.5	81.0		QTZ 6	- QTZ VEINING ≤ 5 cm WIDE - STRONG SILICEOUS AND CARBONATE ALTERATION	92.0	17287	.001					70.7
		81.0	82.5			- ALTERATION AS ABOVE	89.3	17288	.002					89.3
		82.5	84.0		QTZ 23	- QTZ VEINING ≤ 13 cm WIDE - BANDS OF ANKERITE	100	17289	.002					53.3
		84.0	85.5			- LOCAL DEFORMATION	94.0	17290	.001					94.0
		85.5	87.0		QTZ 5	- QTZ VEINING ≤ 8 cm WIDE - LOCALLY MATRIX HIGHLY DOLOMITIC AND SLIGHTLY CALCAREOUS	99.6	17291	.001					92.4

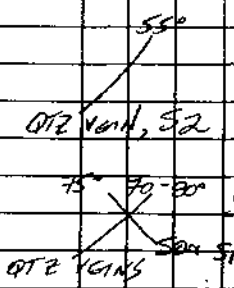
DIAMOND DRILL RECORD

 PROPERTY Francon Gold

 HOLE No. 30-118

 SHEET No. 10 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
$\sqrt{6}$, 2% Py + P ₂ AS BLESS		88.0	88.8		QTZ 90	QTZ VEIN WITH BLACK PHYLITE INCLUSIONS, CARBONATE CLASTS, TR SERICITE - @ 88.2 $\sqrt{6}$ IN QTZ WITH FINE CARBONATE CLASTS; PY AND P ₂ PROXIMAL TO GOLD	97.5	17292	.158			97.5
		88.8	89.7			- STRONG CARBONATE (ANKERITE/ SIDERITE/DOLOMITE) AND SILICEOUS ALTERATION ORIENTED SUB-PARALLEL TO C/P	94.4	17293	.006			75.6
TR CPY		89.7	91.0		QTZ 98	- QTZ VEIN WITH BLACK PHYLITE INCLUSIONS AT TOP AND BOTTOM OF VEIN, CARBONATE CLASTS, TR SERICITE/VUGS	93.8	17294	.008			76.1
		91.0	93.0		QTZ 3	- STRONG CARBONATE/SILICEOUS ALTERATION - LOCAL DEFORMATION	100	17295	.001			97.5
		93.0	94.5		QTZ 13	- FAIRLY WELL LAMINATED - LAMINAE COMPRISED OF DOLOMITE/CALCITE - KNOTS STILL PRESENT - QTZ VEINING ≤ 10 CM WIDE	99.3	17296	.003			99.3



DIAMOND DRILL RECORD

 PROPERTY KAMBERG GOLD

 HOLE No. 90-118

 SHEET No. 11 of 15

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						mc Au	gc	MAu	Other A	ROD
	S1 S2	50°	94.5	96.0		- LOCALLY SILICEOUS BANDS - '2' FOLD	99.7	17297	.001				83.3
		70°											
	S1 S2	70°	96.0	97.5	QTZ 1	- WELL FOLIATED	100	17298	.001				90.0
		45°											
	S1 S2	40°	97.5	99.0	QTZ 3	- LOCALLY SILICEOUS AND CARBONATE BANDS	100	17299	.001				100
		70°											
	S1 S2	75°	99.0	100.5		- SAME AS ABOVE	99.7	17300	.001				99.7
		50°											
	S1 S2	70°	100.5	102.0	QTZ 3	- SAME AS ABOVE - ALSO BANDS OF FINE PORPHYROBLASTS	100	17301	.011				94.7
		50°											
					BCP/CP/KP	<u>102.0-111.0</u>							
						QTZ VEINING OVER UNIT WITH BCP PROXIMAL TO VEINS. VEINS CONTAIN CARBONATE CLASTS, SERICITE, CHLORITE, TR. VUGS. CP AND GREY LIMST LOCALLY. FEW KNOTS. LOCAL DEFORMATION							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 12 of 15

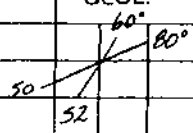
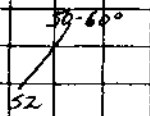
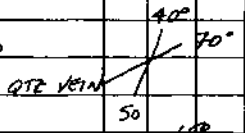
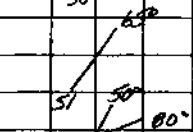
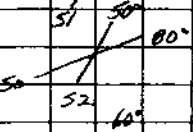
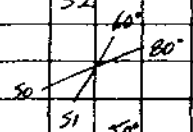
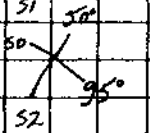
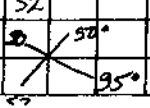
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 60°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAu	Other A	ROD
	50, 51 52	75°	102.0	103.5		QTZ 5 - QTZ VEINING ± 2 CM WIDE - BEDDING APPEARS TO HAVE BEEN RIPPED UP - SMALL 'Z' FOLD	100	17302	.001				95.0
V6	50° QTZ VEINS		103.5	105.0		QTZ 5A - @104.1-104.46, 36 CM WIDE QTZ VEIN - VEINING OVER INTERVAL - @104.62 V6 PROXIMAL TO FINE DOLOMITE CLOT AND PO	98.3	17303	.006				90.7
5% PO+PY, TR CPY + SPH	50° 52		105.0	106.5		QTZ 28 - QTZ VEINING ± 14 CM WIDE - LOCALLY FRACTURES SUB-PARALLEL TO CIA - VEINS ± 3 CM WIDE ALMOST TOTALLY REPLACED BY DOLOMITE CLOTS - SILICA FLOODING PROXIMAL TO VEINS - LOCAL DEFORMATION	100	17304	.006				90.7
V6, 5% PY+PO, TR CPY + SPH	65° 50° QTZ VEIN	83°	106.5	108.0		QTZ 23 - QTZ VEINING ± 10 CM WIDE - @106.65 V6 PROXIMAL TO FINE DOLOMITE CLOTS AND GRAPHITIC PHYLLITE WITHIN QTZ VEIN	100	17305	.009				99.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-118

 SHEET No. 14 of 15

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AC	Au	MAU	Other A
		111.0	112.5		QTZ 2	- QTZ VEINS AND VEINLETS RANDOMLY ORIENTED - LOCALLY SILICEOUS BANDS	100	17308	.001	<.002			100
		112.5	114.0		QTZ 2	- SILICEOUS BANDS	100	17309	.001	<.002			100
		114.0	115.5		/	- FOLIATION FAINT - PY REPLACING DOLOMITE	100	17310	.001	.005			88.7
2-3% PY + PD		115.5	117.0		QTZ 7	- QTZ VEINING ≤ 5 CM WIDE	100	17311	.001	<.002			97.3
		117.0	118.5		/	- PY REPLACING DOLOMITE	96.0	17312	.001	<.002			96.0
		118.5	120.0		QTZ 3	- WELL LAMINATED	95.3	17313	.001	.006			95.2
		120.0	121.5		/	- LOCALLY BANDS OF MICRO PORPHYROBLASTS	98.7	17314	.001	.002			96.0
		121.5	123.0		QTZ 1	- SILICEOUS BANDS AND BANDS AS ABOVE	100	17315	.001	.009			100
		123.0	124.5		QTZ 1	- SAME AS ABOVE	99.7	17316	.001	.004			99.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 30-118

 SHEET No. 15 of 15

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	RC	Au	MAu	Other A
	50° 50, QZ VEINS	124.5	126.0		QZ 11	- QZ VEINING 4 CM WIDE - MODERATELY DEVELOPED TENSION FRASURES - SILICEOUS BANDS LOCALLY - FOLIATION FAINT	96.0	17317	.001	.009			96.0
					CP	<u>126.0-130.3</u>							
						GRADATIONAL LOSS OF KNOTS AND INCREASE IN CALCITE/DOLOMITE. LOCALLY LAMINAR. QZ AND CALCITE VEINING DEVOID OF DOLOMITE CLOTS, MICACEOUS ALTERATION, AND SULPHIDES.							
	50° 50+ QZ VEIN 52	126.0	127.5		QZ 16	- @ 126.14-126.39, 24 CM WIDE QZ VEIN WITH DOLOMITE CLOTS, TR SERICITE	94.3	17318	.001	.076			74.0
	85°-110° 52 (A.P.)	127.5	129.0		QZ 1	- 'S' FOLDS	94.7	17319	.001	.031			92.7
	80° 50 VEINS	129.0	130.3		QZ 2	- LOCALLY BLACK LMST AND SILICEOUS BANDS	99.2	17320	.001	<.002			86.9
						130.3 m END OF HOLE							

20547 Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY.....FRASERGOLD.....

HOLE No. RC 90-118T

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 042°

Total Depth 133.5 M
 % Recovery.....
 Elev. Collar 1502.4 m
 Latitude -454.376
 Departure 6464.601

Sheet No 1 of 6
 Logged by R. Montgomery
 Date Begun Sept 22/90
 Date Finished Sept 25/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME Au	BL	MAu	Other A	
		0	21.0	OV8									
Tr pyrite		21.0	22.5	KP	Qtz 10	Qtz clear to cloudy white, Tr RUSTY. Tr sericite, siderite		37/168		<.002			
Tr pyrite		22.5	24.0		Qtz 05	Qtz clear to cloudy white, Tr pyritic. Tr Limonitic phyllite		169		<.002			
Tr pyrite		24.0	25.5		Qtz 02	Tr rusty Qtz. Tr Limonite		170		<.002			
1% pyrite (oxidized) po. Tr cpy Tr pyrite		25.5	27.0		Qtz 30	Minor brecciated Qtz & carbonate Tr sericitic Qtz		171		.005			
Tr pyrite		27.0	28.5		Qtz 65	Qtz cloudy white, Tr pyrite.		172		.027			
Tr pyrite, po		28.5	30.0		Qtz 05	Tr sericite		173		.011			
Tr pyrite, po.		30.0	31.5		Qtz 05	Phyllite & slst. moderately calcareous.		174		.016			
Tr pyrite		31.5	33.0		Qtz 02	Qtz cloudy white.		175		<.002			
Tr pyrite in Qtz		33.0	34.5		Qtz 03	Qtz cloudy white.		176		<.002			
Tr oxidized pyrite		34.5	36.0		Qtz 03	Tr Limonitic phyllite. Tr Siderite. Tr sericite		177		<.002			
Tr pyrite, po		36.0	37.5		Qtz 02	Minor Limonitic phyllite.		178		<.002			
Tr pyrite, po.		37.5	39.0		Qtz 01	Tr Limonitic phyllite.		179		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. RC 118T

 SHEET No. 2 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	Ag	MAU	Other A
Tr pyrite, po		39.0	40.5		Qtz 2	Tr brecciated Qtz & carbonate.		180		.003			
Tr pyrite, po		40.5	42.0		Qtz 2	Tr Limonite.		181		<.002			
Tr diss. pyrite, po		42.0	43.5		Qtz 01	Phyllite limonitic; Tr siderite.		182		<.002			
Tr - 1% pyrite, po in phyllite.		43.5	45.0		Tr Qtz	Tr Limonite.		183		.027			
Tr diss. pyrite, po.		45.0	46.5		Tr Qtz	Qtz cloudy white.		184		<.002			
Tr pyrite, po.		46.5	48.0		Qtz 05	Qtz cloudy white, Tr rusty.		185		.003			
Tr pyrite		48.0	49.5		Qtz 05	Tr Limonite, siderite. Tr sericitic Qtz.		186		.003			
Tr pyrite.		49.5	51.0		Qtz 02	Tr Limonitic phyllite.		187		<.002			
Tr pyrite.		51.0	52.5		Qtz 03	Qtz w/ Tr sericite, Tr Tr pyrite; Tr rusty.		188		<.002			
Tr - 1% pyrite, po		52.5	54.0		Qtz 15	Tr calcite. Tr sericite, chlorite. Qtz Tr rusty.		189		.082			
Tr pyrite, po		54.0	55.5		Qtz 10	Pyrite slightly oxidized. Qtz Tr rusty.		190		.049			
Tr pyrite, po		55.5	57.0		Qtz 05	Qtz Tr rusty, pyritic.		191		.009			
Locally massive pyrite.		57.0	58.5		Qtz 03	Tr siderite.		192		.009			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. RC 90-118 T

 SHEET No. 3 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						FR ME BC		Other A	
								AU	MAU			
Tr pyrite, po		58.5	60.0		Qtz05	Minor brecciated Qtz & carbonate Tr Limonitic phyllite.		193		.013		
Tr finely diss. pyrite, po		60.0	61.5		Qtz03	Tr Limonitic phyllite.		194		.022		
Tr pyrite		61.5	63.0		Qtz03	Tr Limonitic phyllite.		195		.028		
Tr pyrite, po		63.0	64.5		Qtz01	Minor Limonitic phyllite.		196		.020		
Tr pyrite		64.5	66.0		Qtz01	Tr sericitic Qtz. Tr Limonitic phyllite.		197		.004		
Tr pyrite		66.0	67.5		Qtz01	Tr Limonite		198		.007		
		67.5	69.0		Qtz01	Tr Limonite.		199		.004		
Tr pyrite, po		69.0	70.5		Qtz10	Minor calcareous slst. Tr Limonite slst.		200		<.002		
		70.5	72.0		Qtz03	Minor calcareous slst, calc. phyllite.		201		.009		
Tr pyrite, po		72.0	73.5		Qtz20	Tr calcite. Qtz cloudy white; Tr rusty; Tr graphitic, sericitic.		202		.049		
Tr-1% pyrite.		73.5	75.0		Qtz60	Qtz cloudy white, Tr rusty. Tr Limonitic phyllite.		203		.042		
Tr pyrite, po		75.0	76.5		Qtz50	Tr sericite. Tr rusty Qtz.		204		.240		
GOLD Tr pyrite, po		76.5	78.0		Qtz40	Tr calcite. Qtz mainly cloudy white. Tr rusty Qtz.		205		.036		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. RC 90-118T

 SHEET No. 4 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Me	Bc	Au	MAu	Other A
1% pyrite, po		78.0	79.5		Qtz20	Tr calcite. Tr Limonitic phyllite.		²⁷ 206		.053			
Tr pyrite, po		79.5	81.0		Qtz25	Qtz mainly cloudy white, Tr rusty. Tr Limonitic phyllite.		207		.056			
Tr pyrite, po		81.0	82.5		Qtz05	Tr calcareous phyllite Tr chlorite.		208		.044			
Tr pyrite, po		82.5	84.0		Qtz07	Tr sericitic Qtz. Tr siderite		209		.012			
Tr pyrite.		84.0	85.5		Qtz03	Tr Limonite, siderite.		210		.003			
Tr pyrite, po		85.5	87.0		Qtz02	Tr Limonite, siderite.		211		.003			
Tr pyrite		87.0	88.5		Qtz01	Phyllite v. weakly calcareous. Tr. rusty Qtz.		212		.004			
Tr pyrite, po		88.5	90.0		Qtz15	Tr chlorite. Tr siderite		213		.019			
Tr pyrite, po		90.0	91.5		Qtz02	Tr Limonite, siderite.		214		.003			
1-2% pyrite, po		91.5	93.0		Qtz15	Tr sericite, chlorite.		215		.003			
Tr pyrite, po		93.0	94.5		Qtz01	Tr sericitic Qtz.		216		.011			
Tr pyrite, po		94.5	96.0		Qtz05	Qtz cloudy white, Tr sericite.		217		<.002			
Tr pyrite, po		96.0	97.5		Qtz01	Homogenous grey phyllite.		218		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. RC 90-118T

 SHEET No. 5 of 6

TEXTURE, ALTER.N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
Tr pyrite, po		97.5	99.0		Qtz 01	Homogenous grey phyllite.		37 219		<.002			
Tr diss. pyrite, po		99.0	100.5		Qtz 01	Qtz clear to cloudy white.		220		<.002			
Tr pyrite, po; locally tarnished.		100.5	102.0		Qtz 10	Minor sericite.		221		<.002			
Tr pyrite.		102.0	103.5		Qtz 30	Qtz predominantly chloritic, sericitic		222		<.002			
27. pyrite, po		103.5	105.0		Qtz 07	Minor sericite, chlorite w/ qtz. Locally sulfides oxidized		223		<.002			
17. pyrite, po		105.0	106.5		Qtz 10	Tr chlorite, sericite. Tr brecciated Qtz & carbonate.		224		.007			
Tr pyrite, po, spy		106.5	108.0		Qtz 07	Qtz altering to chlorite & sericite.		225		.004			
Tr pyrite, po.		108.0	109.5		Qtz 07	Minor chlorite & sericite. Locally sulfides oxidized.		226		<.002			
Tr pyrite, po		109.5	111.0		Qtz 05	Qtz clear to cloudy white		227		<.002			
Tr pyrite, po		111.0	112.5		Qtz 02	Homogenous grey phyllite.		228		<.002			
Tr pyrite, po		112.5	114.0		Tr Qtz	Homogenous grey phyllite.		229		.003			
Tr pyrite, po		114.0	115.5		Qtz 15	Qtz predominantly chloritic, sericitic.		230		.004			
		115.5	117.0		Qtz 05	- same as previous interval		231		.003			

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

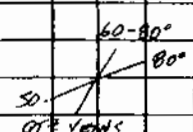
 HOLE No. 90-119

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
148m	-57°	045°

 Hole Size HQ
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 095°

 Total Depth 150.9m
 % Recovery.....
 Elev. Collar 1526.8m
 Latitude -470.167
 Departure 6597.577

 Sheet No 1 of 16
 Logged by M. SCHATTEN
 Date Begun AUGUST 11, 1990
 Date Finished AUGUST 13, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	MAu	Other A	RDD	
		0	14.4	QVB										
				BCP/KP/CP		<u>14.4-34.5</u>								
						QZ VEINING. DIVER UNIT WITH BCP PROXIMAL TO VEINS. VEINS CONTAIN DOLOMITE CLOTS, SERICITE, CHLORITE, TR VUGS. KP BETWEEN VEINS. LOCALLY INTERBEDDED CP, GREY, AND BLACK LMST. VARYING AMOUNTS OF DOLOMITE AND SIDERITE THROUGHOUT. BROKEN CORE, LOCALLY LIMONITIC. LOCAL DEFORMATION.								
2-3% PO+PY		14.4	16.5	QZ 29		- QZ VEINING ± 8cm WIDE - SILICEOUS BANDS LOCALLY - HIGHLY DOLOMITIC AND SIDERITIC	95.2	17321	.007				68.1	
3-5% PO+PY TRCPY		16.5	18.0	QZ 17		- QZ VEINING ± 3cm WIDE RANDOMLY ORIENTED - SAME AS PREVIOUS INTERVAL	92.0	17322	.007				66.0	

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-119

 SHEET No. 2 of 16

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						AU	ME	BC	MAU	Other A
3% PO+PY, TR SPH	70° QZ VEIN	19.0	19.5		QZ 27	- QZ VEINING ± 9 cm WIDE - SAME AS ABOVE	96.7	17323	<.002				79.7
	50 52	19.5	21.0		QZ 14	- QZ VEINING ± 16 cm LONG - SAME AS ABOVE - LOCAL DEFORMATION	96.7	17324	<.002				53.3
	70° 70-80° 50 51	21.0	22.5			- DOLOMITIC, SILICEOUS, CALCAREOUS LAMINAE - LOCALLY HOMONITIC	99.3	17325	<.002				88.7
	70° 51	22.5	24.0		QZ 1	- SAME AS ABOVE - FINE ELONGATED KNOTS	95.3	17326	<.002				56.0
	70° 50, 51, QZ VEINS	24.0	25.5		QZ 12	- QZ VEINING ± 5 cm WIDE - 3 cm WIDE BED BLACK LMSF	97.3	17327	<.002				71.3
	70° 51 52	25.5	27.0		QZ 29	- QZ VEINING ± 10 cm WIDE - STRONGLY DOLOMITIC, SIDERITIC	94.7	17328	<.002				46.0
2-3% PY+PO	50° 52	27.0	28.5		QZ 5	- QZ VEINING ± 3 cm WIDE - DEFORMATION - 'Z' FOLDS - PY REPLACING CARBONATE IN MATRIX	100	17329	<.002				86.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 3 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				ROD
		FROM	TO						Au	Ag	MAU	Other A	
TR CPY	60° QTZ VEIN # 31	28.5	30.0		QTZ 19	- QTZ VEINING ± 10 cm WIDE - LOCAL DEFORMATION - MODERATE ALTERATION - LOCALLY BLACK LMST	90.7	17330	<.002				34.7
TR SPHALERITE, TR CPY, 2% Pb+P1	80° QTZ VEIN # 50	30.0	31.5		QTZ 29	- QTZ VEINING ± 17 cm WIDE	92.7	17331	<.002				31.3
	50° 52, QTZ VEIN	31.5	33.0		QTZ 21	- QTZ VEINING ± 17 cm WIDE - LOCAL DEFORMATION	100	17332	<.002				77.3
	70° 50, QTZ VEINS	33.0	34.5		QTZ 17	- QTZ VEINING ± 6 cm WIDE - INTERBEDS GRAY LMST PROXIMAL TO QTZ VEINING	100	17333	<.002				99.3
					KP/CS/SLST	<u>34.5-52.5</u>							
						WELL KNOTTED MOST OF UNIT LOCALLY CALCAREOUS SLST AND SLST, COMPRISING ~ 5-10% OF UNIT. DOLOMITIC ALTERATION IN MATRIX AND ALONG KIMS OF KNOTS. SPARSE QTZ VEINING WITH CARBONATE CLASTS, TR CHLORITE/SERICITE/ MUGS.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 4 of 16

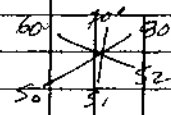
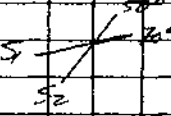
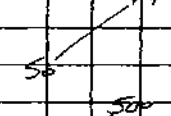
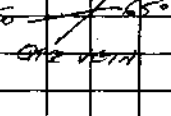
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	MAu	Other A	FC
		34.5	36.0			- FOLIATION FRUIT - LOCALLY CALCULATED QZ STRINGERS	98.7	17334	<.002				74.5
	45° S ₀ + QZ VEINLTS	36.0	37.5			- LOCALLY LITHOLOGIC - CS INTERBEDS ~ 10 CM WIDE	100	17335	<.002				98.5
	70° S ₂	37.5	39.0			- LOCALLY CALCULATED QZ STRINGERS	96.0	17336	<.002				74.5
	80°	39.0	40.5	QZ 2		- LOCALLY PY REPLACING CARBONATE / E. S. N. L. ATEN	100	17337	<.002				24.5
	80° S ₀	40.5	42.0			- LOCALLY FINE SILICEOUS BANDS AND BANDS OF FINE PORPHYROBLASTS	106	17338	<.002				102
		42.0	43.5			- SAME AS ABOVE - FOLIATION FRUIT	100	17339	<.002				100
	70° S ₀ + S ₁	43.5	45.0			- LOCALLY BOLOMITE LAMINAE AND CS	91.3	17340	<.002				48.5
	50° 70° S ₂ S ₀ + QZ VEIN	45.0	46.5	QZ 1		- LOCALLY QZ VEIN CUTTING FOLIATION - LATER STAGE VEINING - LOCAL DEFORMATION	100	17341	.021				100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 5 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FR ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
		16.5	48.0		QTE 3	- LOCAL DEFORMATION, SMALL 12' FOLD	96.7	17327	.008				35.5
		48.0	49.5			- MINOR LOCAL DEFORMATION	100	17323	.010				37.5
		49.5	51.0		QTE 4	- SILTY BEDS ± 2 cm WIDE	96.7	17344	<.002				81.3
TR SPHALERITE		51.0	52.5		QTE 7	- QTE VEIN 9 cm WIDE - LOCAL DEFORMATION MODERATE CARBONATE ALTERATION	99.3	17345	<.002				89.5
				KP		<u>52.5 - 70.5</u> WELL KNOTTED. SPARSE QTE VEINING CONTAINING CARBONATE CLASIS, CHLORITE, SERICITE, TR VUGS. DOLOMITIC ALTERATION IN MATRIX AND ALONG RAMS OF KNOTS. LOCALLY SIDERITIC/ ADKERITIC ALTERATION. LOCAL DEFORMATION.							

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 7 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RGD
	50°	64.5	66.0		QTZ 4	- QTZ VEIN 6 cm WIDE - SMALL 'Z' FOLD PROXIMAL TO QTZ VEIN	96.7	17354	.001			96.7
	52, QTZ VEIN											
		66.0	67.5			- SIDERITE/ANKERITE IN MATRIX	100	17355	.007			100
		67.5	69.0			- CORE FRACTURED SUB-PARALLEL TO QA, LOCALLY LIMONITIC	99.3	17356	.012			67.3
	50°	69.0	70.5			- LOCALLY LIMONITIC - FOLIATION FAINT - SIDERITIC	97.3	17357	.016			80.0
	52				KP/BCP	<u>70.5-101.0</u> WELL KNOTTED EXCEPT WHERE BCP PROXIMAL TO QTZ VEINING. VEINS CONTAIN DOLOMITE CLOTS, SERICITE, CHALCITE, TR VULS. HIGHLY SIDERITIC AND SILICEOUS PROXIMAL TO VEINS. DOLOMITIC ALTERATION IN MATRIX AND ALONG RIMS OF KNOTS.						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 8 of 16

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RQD
TR. CPY		70.5	72.0		QTZ 13	- QTZ VEINING \leq 6 cm WIDE	100	17358		.001			99.3
		72.0	73.5			- LOCALLY SILICEOUS BANDS	100	17359		.001			94.0
		73.5	75.0		QTZ 5	- QTZ VEINING \leq 4 cm WIDE - SILICEOUS AND SILTY BEDS \leq 3 cm WIDE - QTZ VEIN FOLDED INTO 'Z'	100	17360		.017			87.7
		75.0	76.5		QTZ 32	- @ 75.20-75.52, 2+ cm WIDE QTZ VEIN - DEFORMATION PROXIMAL TO VEINS	100	17361		.039			94.7
		76.5	78.0		QTZ 3	- QTZ VEINS DEFORMED SUB-PARALLEL TO CIA	98.0	17362		.025			98.0
		78.0	99.5		QTZ 8	- QTZ VEIN \leq 13 cm WIDE - LOCALLY GREY LMST BEDS \leq 2 cm WIDE	100	17363		.005			99.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 9 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	BC	MAu	Other A	Grd
	65° S1	79.5	81.0		QTZ 1	- QTZ VEINS DEFORMED SUB- PARALLEL TO C/A - LOCALLY WEAK DOLOMITIC LAMINAE	100	17364	.004				100
	50° 60° S0 S2	81.0	82.5		QTZ 1	- QTZ VEINS AS ABOVE - LOCALLY FRACTURES SUB-PARALLEL TO C/A	98.0	17365	.002				74.3
	70° 80° S0 S1	82.5	84.0		/	- LOCALLY CALCAREOUS LAMINAE	26.0	17366	<.002				2.5
		84.0	85.5		/	- LOCALLY DEFORMED SILICEOUS STRINGERS	100	17367	.002				98.7
		85.5	87.0		/	- LOCALLY LIMONITIC FRACTURES SUB-PARALLEL TO C/A - FOLIATION FAINT	100	17368	.002				70.7
	70° S0 S1	87.0	88.5		QTZ 2	- LIMONITIC FRACTURES - CALCAREOUS/DOLOMITIC LAMINAE LOCALLY	96.0	17369	.002				57.0
	70° S1	88.5	90.0		/	- BROKEN CORE, LOCALLY LIMONITIC	94.7	17370	.006				43.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 10 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	Me	BC	MAu	Other A	ROD
	70° QTZ VEIN	90.0	91.5		QTZ 3		99.3	17371		<.002				73.3
	40° QTZ VEIN	91.5	93.0		QTZ 7	- QTZ VEINING ≤ 6 CM WIDE - LOCAL DEFORMATION SUB- PARALLEL TO C/A	99.3	17372		<.002				69.0
	50° 90° QTZ VEIN	93.0	94.5		QTZ 15	* @ 93.29-93.51, 22 CM WIDE = QTZ VEIN - LOCALLY FRACTURED SUB PARALLEL TO C/A	98.0	17373		.004				69.7
	60° 70° 80° 52 51	94.5	96.0			- LOCALLY DOLOMITIC / CALCAREOUS LAMINAE - 'Z' FOLD	100	17374		<.002				92.4
	70° 51	96.0	97.5			- POORLY DEVELOPED TENSION GRAINES - WELL FOLIATED	90.0	17375		<.002				90.0
	70° 80° 51	97.5	99.0			- LOCALLY DOLOMITIC LAMINAE - LOCAL DEFORMATION SUB- PARALLEL TO C/A	100	17376		.002				100
	70° 51 & 5 SHEAR ZONE?	99.0	100.5		QTZ 3	- LOCALLY BROKEN, RUBBLY CORE - SNGAR ZONE?	92.7	17377		<.002				67.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 12 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 65° 51 50° 70° 51 52 60° 52 60° 51 55° 70° 50 50° 51 65° 51 52	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	CU	MAu	Other A
		103.5	105.0		QTZ 15	- QTZ VEINING ± 8 cm WIDE - LOCAL DEFORMATION	100	17380	<.002				86.3
TR CPY + SPH		105.0	106.5		QTZ 9	- QTZ VEINING ± 10 cm WIDE RANDOMLY ORIENTED	94.7	17381	<.002				82.7
TR CPY		106.5	108.0		QTZ 17	- QTZ VEINING ± 11 cm WIDE - LOCAL DEFORMATION	94.0	17382	<.002				94.0
		108.0	109.5			- PY + PO REPLACING DOLOMITE ALONG RIMS OF PORPHYROBLASTS	100	17383	<.002				100
		109.5	111.0			- LOCAL DEFORMATION - FOLIATION FAINT	100	17384	<.002				100
		111.0	112.5		QTZ 1	- LOCAL DEFORMATION SUB- PARALLEL TO CIA - BANDS OF MICRO PORPHYROBLASTS	100	17385	<.002				100
		112.5	114.0			- FOLIATION FAINT - BANDS OF MICRO PORPHYROBLASTS	100	17386	<.002				100
		114.0	115.5		QTZ 22	- @ 114.78 - 115.05, 27 cm WIDE QTZ VEIN SEAMER BY BLACK PHYLLITE	89.3	17387	<.002				74.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 13 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS					
		FROM	TO						ME	BC	MAU	Other A	ROD	
						- LOCAL DEFORMATION								
2-3% PY, TR PO		115.5	117.0		QTZ 16	- QTZ VEINING \approx 15 CM WIDE - LOCALLY FRACTURED PARALLEL TO GRA	100	17388	.003				60.0	
		117.0	118.5		QTZ 15	- QTZ VEINING \approx 4 CM WIDE - WELL FOLIATED	100	17389	<.002				100	
2% DISS + STRONGER PY		118.5	120.3			- WELL FOLIATED	100	17390	.006				92.8	
YG		120.3	121.7		QTZ 85	- TWO QTZ VEINS SEPARATED BY 8 CM OF PHYLLITE - @ 120.9 YG IN SILICEOUS BAND, WITH VERY FINE DOLOMITE CLOTS, ADJACENT TO SELVAGE OF QTZ VEIN - @ 121.65 YG IN QTZ PROXIMAL TO SELVAGE TO VEIN	98.6	17391	.314				98.6	
3% PY + PO		121.7	123.0		QTZ 21	- QTZ VEINING \approx 8 CM WIDE RANDOMLY ORIENTED	98.5	17392	.146				96.4	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 14 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	ROD
	60°	123.0	124.5		QTZ 10	- QTZ VEINING ≤ 8 CM WIDE	93.3	17393		.003			58.0
	51	124.5	126.0		QTZ 1	- FRACTURED PARALLEL TO CIA	100	17394		<.002			46.7
	70° 75°	126.0	127.5		QTZ 2	- LOCAL DEFORMATION	96.0	17395		<.002			81.3
	51												
3%-5% P4 + P0	50, 51 75°	127.5	129.0		QTZ 26	- QTZ VEINING ≤ 10 CM WIDE	95.3	17396		<.002			56.7
	50, 51 75°	129.0	130.5		QTZ 39	- QTZ VEINING ≤ 30 CM WIDE - @ 129.0 - 129.30, 30 CM WIDE QTZ VEIN	99.3	17397		<.002			40.0
2-3% P4	70°	130.5	132.0		QTZ 4	- LOCAL DEFORMATION	100	17398		.016			100
	50, 51 75°	132.0	133.5		QTZ 16	- QTZ VEINING ≤ 11 CM WIDE - DEFORMATION	96.7	17399		.040			51.3
	70°	133.5	135.0		QTZ 23	- QTZ VEINING ≤ 7 CM WIDE - FRACTURED SUB-PARALLEL TO CIA	99.3	17400		.007			54.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 15 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. DIP	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	GC	Au	MAu	Other A
	50° 52	135.0	136.5		QTZ 17	- QTZ VEINING \approx 13 CM WIDE - LOCAL DEFORMATION - INCREASE IN CALCAREOUS LAMINAE	100	17401		<.002			15.3
				CP/LMST	<u>136.5-150.9</u>	PREDOMINANTLY WELL LAMINATED LOCALLY GREY AND BLACK LMST. INTERMITTANT QTZ VEINING GENERALLY DEVOID OF ALTERATION AND SULPHIDES, OFTEN CALCITE ALONG SELVAGES. BROKEN, RUBBLY CORE.							
2-3% P4	50° 50	136.5	138.0		QTZ 4	- DEFORMATION SUB-PARALLEL TO CIP	100	17402		<.002			42.0
3-4% P4	50° 50, 51, QTZ VEIN	138.0	139.5		QTZ 8	- 10 CM WIDE QTZ VEIN WITH DOLOMITE CLOTS AND WELL DEVELOPED VUGS	100	17403		<.002			72.0
	50° 52	139.5	141.0			- INTERBEDDED LMST	92.0	17404		<.002			66.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119

 SHEET No. 16 of 16

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RD
2-3% STRINGER PY	55°	141.0	142.5			- SAME AS ABOVE	96.7	17405	<.002			81.3
	50 / 60°	142.5	144.0			- SAME AS ABOVE						
	52					- LOCALLY FRACTURED SLUG - PARALLEL TO CIA	100	17406	<.002			62.0
						- DEFORMATION - '2' FOLD						
	70°	144.0	145.5			- FRACTURED CORE PARALLEL TO CIA	84.0	17407	<.002			23.3
	50, 51, SHEAR ZONE?					- LOCAL DEFORMATION						
3-4% PY	75°	145.5	147.0		QTZ 5	- SAME AS ABOVE	89.3	17408	<.002			44.7
	QTZ VEIN					- QTZ VEINING ≈ 3 CM WIDE						
3% PY	85°	147.0	148.5		QTZ 15	- QTZ VEINING ≈ 17 CM WIDE	95.3	17409	<.002			46.0
	50, 51					- FRACTURED PARALLEL TO CIA						
3% PY		148.5	150.0		QTZ 2	- LOCAL DEFORMATION	100	17410	<.002			68.7
	82°	150.0	150.9		QTZ 3	- SAME AS ABOVE	96.7	17411	<.002			56.1
	50, 51					150.9 M END OF HOLE						

* NOTE: 10 FT ERROR MADE IN MARKING DEPTH OF OUB ON CHIP IN CORE BOX. ACCORDING TO CHIP BEDROCK BEGAN @ 55 FT WHILE ON DRILLER'S TIME SHEET ONLY 45 FT OF CASING USED. ERROR DISCOVERED WHEN TWINNING HOLE DUE TO 45 FT OUB IN 90-119T AND CORRELATION OF LITHOLOGIES AND VEINING. ALL DEPTHS (INTERNAL DEPTHS ETC) FOR THIS HOLE HAVE NOW BEEN ADJUSTED ACCORDINGLY (3m/10FT SUBTRACTED).

DIAMOND DRILL RECORD

20547 Part 2
of 3

PROPERTY FRASER GOLD

HOLE No. 90-119T

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
139m	-59°	045

Hole Size HQ
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 141.7 m
 % Recovery.....
 Elev. Collar 1526.5 m
 Latitude -16.8.280
 Departure 6600.737

Sheet No 1 of 13
 Logged by M. SCHAFER
 Date Begun SEPTEMBER 13, 1990
 Date Finished SEPTEMBER 15, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PLER No.	FA ASSAYS					
		FROM	TO						ME	Au	MAu	Other A	RQD	
		0	14.4	OVB										
				BCP/KP/CP		14.4 - 33.0								
						OTZ veining over unit with BCP proximal to veins. Veins contain dolomite clots, sericite, chlorite, TR vugs. Well knotted over rest of unit with dolomite along rims. Dolomite siderite alteration in matrix and locally forming laminae minor interbedded op. locally rusty and limonitic. Local deformation.								
1-2% P ₄ +P ₀ , TR CPY	50-70° OTZ veins	14.4	16.5	OTZ 21		- OTZ veining ± 10 cm wide - strong sideritic/dolomitic alteration - locally rusty	100	25671	.004				97.1	
2-3% P ₄ +P ₀	60° OTZ veins + S	16.5	18.0	OTZ 41		- OTZ veining ± 16 cm wide - locally rusty - alteration as above interval	95.3	25672	.004				56.7	
TR-1% P ₄ +P ₀	60° 70° 50° OTZ vein	18.0	19.5	OTZ 17		- OTZ veining ± 6 cm wide - microknots proximal to vein	100	25673	<.002				97.3	

DIAMOND DRILL RECORD

 PROPERTY FRASERHOLD

 HOLE No. 90-1195

 SHEET No. 2 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME BC		Other A	ROO	
									Au		MAu		
						- TR RUSTY - SILICEOUS, SIDERITIC, DOLOMITIC LAMINAE LOCALLY DEFORMED - 'Z' FOLD							
	50	19.5	21.0		QZ 2	- DOLOMITIC, TR SIDERITIC, TR SILICEOUS LAMINAE - CANE @ ~13 CM WIDE RUSTY, BROKEN QZ VEIN	96.7	25674	.003				86.7
	50 52	21.0	22.5			- DOLOMITIC / SIDERITIC LAMINAE, LOCALLY CALCAREOUS AND SILICEOUS - LOCALLY KNOTS ELONGATED	100	25675	.003				97.6
TR-1% P4+P0, TR CP4	50	22.5	24.0		QZ 2A	- QZ VEINING ± 11 CM WIDE - MICROKNOTS LOCALLY	95.3	25676	.007				72.7
TR CP4	50	24.0	25.5		QZ 2B	- QZ VEINING ± 15 CM WIDE - LOCALLY ± 3 CM WIDE BEDS CP - TR LIMONITIC DOLOMITE CLOTS - DOLOMITIC MATRIX - LOCAL DEFORMATION	98.0	25677	2.002				61.7
	50	25.5	27.0		QZ 9	- QZ VEINING ± 4 CM WIDE - DOLOMITE AND SIDERITE IN MATRIX, LOCALLY CALCAREOUS AND SILICEOUS	100	25678	.006				79.0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-119T

 SHEET No. 3 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	FC	MAu	Other A	POD	
						- LOCAL DEFORMATION - RUBBLE LOCALLY								
1% PY + PO	70 QZ VEIN	27.0	28.5		QZ 33	- QZ VEINING \leq 15 cm WIDE	100	25679	.012				82.3	
TR SPHALERITE	70 QZ VEIN	28.5	30.0		QZ 38	\approx \varnothing 28.56-29.0, 44 cm WIDE QZ VEIN - VEINS MODERATELY VEILY	96.0	25680	.008				78.0	
		30.0	31.5		QZ 2	- FOLIATION FAINT	92.0	25681	<.002				90.7	
TR CPY		31.5	33.0		QZ 15	- QZ VEINING \leq 7 cm WIDE - LOCALLY STOCKWORK IN GREY LMST	94.0	25682	<.002				69.3	
					KP/CS/SLST	<u>33.0 - 46.5</u> WELL KNOTTED MOST OF UNIT WITH DOLOMITE ALONG RIMS. LOCALLY INTERBEDS OF CS AND MINOR SLST, MINOR DOLOMITIC/SIDERITIC ALTERATION, LOCALLY RUSTY WEATHERING.								
	75 50	33.0	34.5		QZ 1	- MINOR CS - LOCALLY CORE FRACTURED SUB-PARALLEL	100	25683	<.002				88.0	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119T

 SHEET No. 4 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						AU	ME	BC	MAU	Other A	RQD
						TO c/a - LOCALLY LAMINAE OF COALESCING MICROKNOTS - PARTIALLY REPLACED KNOTS								
	10°	34.5	36.0			- CS @ TOP OF INTERVAL - LOCALLY PARTIALLY REPLACED KNOTS	100	25884	<.002				100	
	50°	36.0	37.5		QZ 1	- LOCALLY SIDERITIC ALTERATION	98.0	25885	<.002				92.7	
	52°	37.5	39.0		QZ 3	- TR RUSTY - LOCALLY LAMINAE OF COALESCING MICROKNOTS	96.0	25886	<.002				79.7	
		39.0	40.5			- LOCALLY CORE FRACTURED SUB- PARALLEL TO c/a WITH RUSTY PARTICLES	100	25887	<.002				42.7	
	45° 67° 52° QZ VEIN	40.5	42.0		QZ 23	* @ 41.07 - 41.48, 41 CM WIDE QZ VEIN WITH DOLOMITE CLOTS/SIDERITIC CHLORITE/TR RUST - TR RUSTY, BROKEN CORE	74.0	25888	<.002				58.0	
1-2% PY	80°	42.0	43.5		QZ 1	- LOCALLY CS - PY REPLACING DOLOMITE ALONG KNOTS	99.7	25889	<.002				99.7	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119T

 SHEET No. 5 of 13

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	AG	Au	MAu	Other A	RDD
		43.5	45.0		QTZ 7	- LOCALLY CALCAREOUS - @ 44.90-45.13, 23 cm WIDE QTZ VEIN WITH DOLOMITE CLOTS, SERICITE, VUGS	100	25620		.011				93.3
		45.0	46.5		QTZ 28	- QTZ VEINING ± 19 cm WIDE AS ABOVE	100	25621		.031				90.0
					KP	<u>46.5-67.5</u> WELL KNOTTED, VARYING AMOUNTS OF DOLOMITE AND SIDERITE IN MATRIX. INTERMITTENT QTZ VEINING. VEINS CONTAIN DOLOMITE CLOTS, SERICITE, CHLORITE, VUGS. LOCAL DEFORMATION								
		46.5	48.0			- TR RUSTY	98.7	25692		<.002				89.3
		48.0	49.5		QTZ 16	- QTZ VEINING ± 19 cm WIDE - GRAPHITE PROXIMAL TO VEINS	91.7	25693		<.002				70.0
		49.5	57.0		QTZ 1	- LOCAL DEFORMATION	96.7	25694		<.002				96.7

75°
QTZ VEIN

65°
QTZ VEIN

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-119T

SHEET No. 6 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PLER No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A	RQE	
		51.0	52.5		QTZ 3	- LOCAL DEFORMATION	100	25695	<.002			87.2	
	70°	52.5	59.0		QTZ 5	- BROKEN, RUBBLY CORE - QTZ VEINING @ BOTTOM OF INTERVAL	97.3	25696	.003			44.0	
TR CPY	60°	59.0	55.5		QTZ 31	* @ 53.95-54.31, 36 CM WIDE QTZ VEIN	96.0	25697	.072			76.7	
		55.5	57.0		—	- LOCAL DEFORMATION PARALLEL TO C/P	100	25698	.004			100	
	75°	57.0	58.5		—		99.3	25699	.006			100	
		58.5	60.0		—		96.0	25700	.006			100	
	80°	60.0	61.5		—	- BANDS OF FINE KNOTS LOCALLY	100	25701	<.002			100	
	50°	61.5	63.0		QTZ 8	- 12 CM WIDE QTZ VEIN	96.0	25702	.005			100	
		63.0	64.5		—		99.0	25703	.005			100	
		64.5	66.0		—		98.7	25704	.016			88.0	
	85-90°	66.0	67.5		—	- LOCALLY LAMINAR OF SIDERITE/ DOLOMITE	100	25705	.005			71.3	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119T

 SHEET No. 7 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	BC	MAu	Other A	RQD
						- PURELY CORE @ BOTTOM OF INTERVAL								
					KP/BCP/CP	<u>67.5-133.5</u>								
						WELL KNOTTED MOST OF UNIT WITH VARYING DEGREES OF DOLOMITE/ SIDERITE IN MATRIX. LOCALLY SILICEOUS. QTZ VEINING WITH BCP PROXIMAL TO VEINS. VEINS CONTAIN DOLOMITE CLOTS/SERICITE/CHLORITE/ SULPHIDES/YUGS. INTERLAMINATED AND REDDED CP LOCALLY, BECOMING MORE PREVALENT TOWARDS BOTTOM OF UNIT. LOCAL DEFORMATION.								
		65° Qtz Vein	67.5	69.0	QTZ 25	- QTZ VEINING ± 16 CM WIDE - BROKEN, PURELY CORE	96.7	25706	.008				69.3	
		50° Qtz Vein	69.0	70.5	QTZ 13	- QTZ VEINING ± 10 CM WIDE - RUSTY	100	25707	.003				52.7	
			70.5	72.0		- LOCALLY SILICEOUS	98.7	25708	.006				88.0	
		15° 50451	72.0	73.5	QTZ 1	- MINOR CP	94.0	25709	.022				68.7	

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-195

 SHEET No. 8 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						ME	BC	MAu	Other A	ROD	
	80° RTZ VEIN	73.5	75.0		QTZ 21	@ 73.5 - 73.77, 27 CM WIDE QTZ VEIN	98.7	25710		<.002				75.3
		75.0	76.5			- LOCALLY FRACTURED SUB-PARALLEL TO CIA WITH RUSTY COATING	98.0	25711		.003				61.3
TR-1 1/2 P4		76.5	78.0			- CALCAREOUS	100	25712		.006				100
	60° 52	78.0	79.5			- SILICEOUS AND DOLOMITIC LAMINAE	100	25713		.003				100
	70° 50	79.5	81.0			- INTERBEDDED CP - LOCAL DEFORMATION	95.3	25714		<.002				90.7
		81.0	82.5			- INTERBEDDED CP	100	25715		<.002				100
	60° 52	82.5	84.0			- BANDS OF MICROKNOTS	97.3	25716		<.002				86.3
	72° 51	84.0	85.5			- SAME AS ABOVE	97.3	25717		.014				97.3
		85.5	87.0			- BROKEN CORE WITH RUSTY FRACTURES	94.3	25718		.008				66.3
		87.0	88.5			- TR RUSTY, BROKEN CORE	95.3	25719		<.002				58.0
		88.5	90.0		QTZ 6	- 8 CM WIDE QTZ VEIN - RUSTY, BROKEN, RUBBLY CORE	91.3	25720		<.002				48.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119T

 SHEET No. 9 of 13

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME Au	AG	MAU	Other A	RQD
		90.0	91.5		QTZ 4	- BROKEN CORE, TR RUSTY	72.7	25721		<.002			47.3
		91.5	93.0		QTZ 3	- MICROKNOTS PROXIMAL TO VEINS	89.3	25722		<.002			76.7
		93.0	94.5		QTZ 2	- LOCALLY FRACTURED SUB-PARALLEL TO QA - TR RUSTY	100	25723		<.002			94.0
	75° /	94.5	96.0		QTZ 7	- 11 CM WIDE QTZ VEIN - TR RUSTY PARTINGS	100	25724		<.002			76.0
	/	96.0	97.5		QTZ 1	- LOCALLY CALCAREOUS - RUSTY PARTINGS @ TOP OF INTERVAL	100	25725		<.002			89.3
		97.5	99.0		/	- BROKEN, RUBBLY CORE WITH RUSTY PARTINGS	98.0	25726		<.002			62.0
TR CAP	80° /	99.0	100.5		QTZ 16	- @ 99.9-100.1, 20 CM WIDE QTZ VEIN - TR TURF	98.0	25727		<.002			73.3
TR CAP + SPH	60° /	100.5	102.0		QTZ 11	- QTZ VEINING ≈ 9 CM WIDE - BANDS OF MICROKNOTS	100	25728		<.002			100

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-115T

 SHEET No. 10 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. 60°	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	R90
	60° QZ VEINS	102.0	103.5		QZ 13	- QZ VEINING \leq 9 cm WIDE - LOCALLY MICROKNOTS	98.0	25729	<.002			91.3
		103.5	105.0		QZ 16	- QZ VEINING \leq 8 cm WIDE	100	25730	.003			63.3
		105.0	106.5		QZ 4	- DEFORMATION PARALLEL TO C/A	100	25731	<.002			92.0
TR CPY		106.5	108.0		QZ 13	- QZ VEINING \leq 10 cm WIDE RANDOMLY ORIENTED - DEFORMATION	98.7	25732	<.002			91.3
		108.0	109.5		—	- CORE FRACTURED PARALLEL TO C/A WITH SERICITE COATING SURFACES	100	25733	<.002			26.7
		109.5	111.0		QZ 1	- CORE FRACTURED PARALLEL TO C/A	99.3	25734	<.002			65.0
		111.0	112.5		—	- SAME AS ABOVE	93.0	25735	<.002			58.7
	70° SI 70°	112.5	114.0		—	- MICROKNOTS	100	25736	<.002			78.0
	QZ VEIN	114.0	115.5		QZ 23	- QZ VEINING \leq 15 cm WIDE - LOCAL DEFORMATION	100	25737	.007			96.3
	60° QZ VEIN	115.5	117.0		QZ 25	- QZ VEINING \leq 19 cm WIDE	97.7	25738	<.002			71.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-119T

 SHEET No. 11 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
1% PY		117.0	118.5			- PY REPLACING DOLOMITE IN MATRIX	100	25739		.010			94.7
1-2% PY		118.5	120.0			- SAME AS ABOVE - FRACTURED SUB-PARALLEL TO C/A	96.0	25740		.006			46.7
1-2% PY, TR PO		120.0	121.5			- FRACTURED PARALLEL TO C/A	100	25741		.009			76.7
TR-1% PY		121.5	123.0		QTZ 3		99.3	25742		.010			71.3
1-2% PY+PO, TR SPH	60° QTZ VEIN	123.0	124.5		QTZ 27	- QTZ VEINING ≈ 12 CM WIDE	94.0	25743		.003			68.0
2% PY+PO		124.5	126.0		QTZ 12	- QTZ VEINING ≈ 8 CM WIDE - TR TUFF	96.7	25744		<.002			72.7
2-3% PY+PO, TR SPH	75° QTZ VEINS	126.0	127.5		QTZ 27	- QTZ VEINING ≈ 8 CM WIDE	99.3	25745		<.002			86.0
3% PY, TR PO		127.5	129.0		QTZ 4	- PY REPLACING DOLOMITE IN MATRIX	100	25746		<.002			81.3
3-5% PY		129.0	130.5			- BANDS OF ALTERED KNOPS	97.3	25747		.015			93.3
3-5% PY+PO	60° QTZ VEINS	130.5	132.0		QTZ 32	- QTZ VEINING ≈ 9 CM WIDE - FRACTURED PARALLEL AND SUB-PARALLEL TO C/A	98.0	25748		.010			55.3

DIAMOND DRILL RECORD

 PROPERTY PUMPER GOLD

 HOLE No. 90-119T

 SHEET No. 12 of 13

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS					
		FROM	TO						Au	Ag	MAu	Other A	REGD	
4-5% P4 & P0		132.0	133.5		QTZ 9	- QTZ VEINING ± 7 cm WIDE - BROKEN, RUBBLY CORE	88.7	25749		.003				32.3
					CP/LMST	<u>133.5-141.7</u> CP WITH INTERBEDDED BLACK AND GREY LMST. P4 REPLACING CALCITE AND SILICEOUS LENSES IN MATRIX. PREDOMINANTLY WELL LAMINATED. INTERMITTENT QTZ VEINING WITH TR DOLOMITE CLOTS LOCALLY, CALCITE, TR SERICITE. BROKEN, RUBBLY CORE.								
5% P4 & P0		133.5	135.0		QTZ 5	- QTZ VEINING ± 2 cm WIDE	100	25750		.005				57.3
3% P4	70 50	135.0	136.5		QTZ 4	- TR PARTIALLY REPLACED KNOTS	92.0	25751		4.002				59.3
5% P4	70 50 QTZ VEIN	136.5	138.0		QTZ 13	- QTZ VEINING ± 8 cm WIDE - TR KNOTS	95.3	25752		<.002				63.0
3% P4	50 52	138.0	139.5			- MINOR LMST	95.3	25753		<.002				65.7

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. 90-120

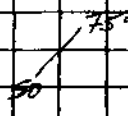
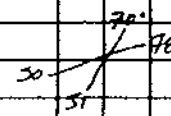
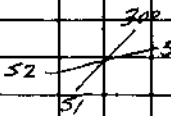
DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth
166.0m	-54.0	48°
232.0m	-55.0	48°

 Hole Size 40
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 018°

 Total Depth 236.7 m
 % Recovery.....
 Elev. Collar 1361.1 m
 Latitude 10.923
 Departure 2003.671

 Sheet No 1 of 30
 Logged by R. MONTGOMERY
 Date Begun AUGUST 14, 1990
 Date Finished AUGUST 18, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM- PLE No.	FA		ASSAYS		Other A	RQD
		FROM	TO						ME	BC	MAU	BC		
		0	48.7	OVB										
				KP		<u>48.7-105.5</u>								
						PREDOMINANTLY WELL LAMINATED. LAMINAE ARE DOLOMITIC, VERY WEAKLY CALCAREOUS AND SILICEOUS. SPARSE FAINT KNOTS. LOCALLY WEAKLY CALCAREOUS SLST THAT IS STRONGLY SILICIFIED. BROKEN, RUBBY CORE OVER UNITS. LOCALLY LIMONITIC. SHEAR ZONES (GOUSE) AND DEFORMATION. PY REPLACING LAMINAE LOCALLY.								
						OTZ 1 - STRONGLY LIMONITIC, LOCALLY VUGGY - WEAK DEFORMATION SUB-PARALLEL TO CIA	98.3	17412		1.002				18.7
						- RUBBLE - FOLIATION FAINT TO ABSENT	46.7	17413		1.002				0
						OTZ 5 - OTZ VEINS ±5 cm WIDE WITH FEW DOLOMITIC CLOTS, VUGS - WEAK DEFORMATION LOCALLY	78.7	17414		1.002				6.0



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 2 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						me	BL	MAu	Other A	RQD
	30-40° 51 52	57.0	58.5		/	- LOCALLY WHITE CARBONATE (DOLOMITE) CLASTS IN MATRIX - LAMINAE SPARSE	30.7	17415	4.002				1.3
		58.5	59.0		/	- VERY FINE RUBBLE WITH BROKEN CORE - DEFORMATION BUT CORE TOO BROKEN TO SEE COMPLETE FOLDS	67.3	17416	4.002				0
	50-55° 50 52 30-45°	57.0	58.5	QZ 1	/	- @ 57.3-57.92 GOUGE WITH FINE RUBBLE - DEFORMATION AS ABOVE - FRACTURES SUB-PARALLEL TO CIA - S2 VARYING OVER INTERVAL	100	17417	4.002				6.7
	45° 50 52	58.5	60.0	QZ 1	/	- WELL LAMINATED - DOLOMITE REPLACING RIMS OF KNOTS	83.3	17418	4.002				8.0
	52° Gouge 51 52	60.0	61.5		/	- @ 60.73 TR GOUGE, DEFORMATION - LARGE KNOTS WITH CARBONATE ALONG RIMS	100	17419	4.002				34.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 3 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		61.5	63.0			- LOCALLY CORE FRACTURED SUB-PARALLEL TO PARALLEL TO C/A - WELL LAMINATED - KNOTS VERY SMALL TO VERY LARGE	87.3	17420	<.002			50.0
		63.0	64.5		QTZ 3	- WELL DEVELOPED S2 - LOCALLY SILICEOUS LAMINAE	100	17421	<.002			17.3
		64.5	66.0		QTZ 6	- INTERMITTANT GOUGE AND VERY FINE RUBBLE OVER INTERVAL - QTZ VEINING \leq 1cm WIDE WITH WITH FEW CARBONATE CLASTS	86.0	17422	<.002			6.7
		66.0	67.5		QTZ 5	- QTZ VEINING \leq 5cm WIDE DEVOID OF CARBONATE CLASTS AND ALTERATION - LOCALLY DEFORMATION SUB- PARALLEL TO C/A	85.3	17423	<.002			19.3
		67.5	69.0		QTZ 10	- CORE FRACTURED SUB-PARALLEL TO PARALLEL TO C/A - QTZ VEINING \leq 4 cm WIDE	100	17424	<.002			32.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 4 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	BL	MAu	Other A	RQD
						DEVOID OF CARBONATE CLASTS AND ALTERATION - VEINS PREDOMINANTLY SUB- PARALLEL TO C/A - CORE TR VUGGY								
	50°													
	50 & 51	69.0	70.5		QZ 17	- PREDOMINANTLY STRONGLY SILICIFIED SLT WITH CROSS- CUTTING QZ VEINS - QZ VEINING ≤ 5 cm WIDE WITH VERY FEW FINE CARBONATE CLASTS	100	17425	4.002					59.7
	QZ VEINS													
	QZ VEINS													
	65°													
	170°													
	35-65°													
	50	70.5	72.0		QZ 13	- SAME AS ABOVE WITH QZ VEINING ≤ 3 cm WIDE WITH FEW CARBONATE CLASTS - SECOND PHASE OF QZ VEINING ORIENTED SUB-PARALLEL TO C/A (170°) AND HAVE PREDOMINANTLY BEEN REPLACED BY CARBONATE (DOLOMITE?) - VERY FINE RUBBLE @ BOTTOM OF INTERVAL	100	17426	4.002					30.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 6 of 30

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BL	MAu	Other A
	35° 50 52	75.0	76.5			- WELL FOLIATED B&P, MINOR GRAPHITE - PY DISSIMINATED THROUGHOUT - WELL DEVELOPED MICRO-FOLDING OF POLYMITIC LAMINAE - MINOR KNOTS WIDELY SCATTERED THROUGHOUT - CALCAREOUS/SILICEOUS LAMINAE ARE LOCALLY HIGHLY CONTORTED	100	17429	2.002				
	45° 50° 50 52	76.5	78.0			- WELL FOLIATED WITH MINOR GRAPHITE - ~10 CM WIDE BED BLACK LMST - Qtz VEIN 0.5 CM WIDE	94.0	17430	2.002				58.0
	20° 55° 50 52	78.0	79.5	Q12	5	- WELL FOLIATED, STRONGLY FOLDED - MINOR BRECCIATED, WEAKLY CALCAREOUS BLACK LMST - MINOR KNOTS SCATTERED THROUGHOUT	100	17431	2.002				63.0
	35°-55° 50	79.5	81.0			- WELL LAMINATED, NUMEROUS FRACTURES SUB-PARALLEL TO GRA - MINOR GRAPHITE - RUBBLY CORE	94.0	17432	2.002				12.0

DIAMOND DRILL RECORD

 PROPERTY FRASCRGOLD

 HOLE No. 90-120

 SHEET No. 8 of 30

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	Rd
	40° 50° S ₀ S ₂	84.0	85.5		QTZ 1	- WELL LAMINATED, FEW KNOTS STILL PRESENT	89.3	17435	1.002			32.0
	55° 65° Gouge S ₀	85.5	87.0			- @ 86.46, 5 cm VERY FINE RUBBLE WITH TR GOUGE - FRACTURES SUB-PARALLEL TO CIA	88.7	17436	1.002			14.0
	55° 65° S ₀ S ₂	87.0	88.5		QTZ 1	- @ BOTTOM OF INTERNAL WELL DEVELOPED S ₂ - PY REPLACING CARBONATE/SILICA IN MATRIX	82.7	17437	1.002			36.7
	50° 55° 55° 65° S ₀ S ₂	88.5	90.0		QTZ 3	- STRONG S ₂ CONTINUING OVER MOST OF INTERNAL - SMALL 'Z' FOLDS - INCREASE IN WIDTH OF CARBONATE/SILICEOUS LAMINAE UP TO 0.6 cm	100	17438	1.002			56.7
	55° 65° S ₂ QTZ	90.0	91.5		QTZ 1	- @ 90.97 'S' FOLD - WELL LAMINATED	96.0	17439	1.002			64.0
	55° S ₂	91.5	93.0			- CORE PALE GREY DUE TO CLOSELY SPALED LAMINAE - 'Z' FOLD - LOCALLY FRACTURED SUB-PARALLEL TO CIA	95.3	17440	1.002			68.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 9 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PLER No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
	90° 50	93.0	94.5		/	- WELL LAMINATED, MINOR KNOTS - FRACTURES SUB-PARALLEL TO QA - @ 94.2-94.5 GRAPHIC PHYLLITE - FAINT LAMINATIONS AND ALTERED KNOTS - DISS AND STRINGER PY	98.7	17441	1.002			50.7
TR PY	50° 50 52	94.5	96.0		/	- TR KNOTS - FAINT DOLOMITIC AND SILICEOUS LAMINAE	92.7	17442	1.002			36.7
	60° 50	96.0	97.5		/	- @ 96.0-96.2 GRAPHIC PHYLLITE, TR KNOTS - WELL LAMINATED WITH LAMINAE COMPOSED OF DOLOMITE AND GRAPHITE	100	17443	1.002			33.4
	60° 50	97.5	99.0	QTR 1	/	- WELL FOLIATED - CALCAREOUS, GRAPHIC LAMINAE - FINELY DISS PY	93.4	17444	1.002			23.3

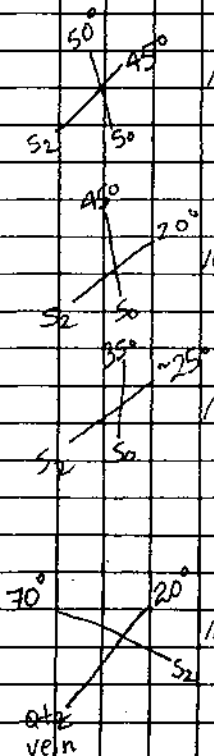
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 12 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	ROD	
		<u>GP 105.5-121.5</u>				<u>- Phyllitic slst. - shear zone. Rubble & gouge. Locally well laminated.</u>							
		105.0	106.5		Qtz 15?	<u>- Broken rubble core. @ 105.39-106.1 fault gouge w/ fine graphitic rubble. - Pyrite locally replacing laminae. Tr. chl.</u>	73.3	17449	1.002				0
		106.5	108.0		Qtz 04	<u>Poorly laminated. Small Qtz veins ~ 2-5 cm wide. Vuggy with carbonate & pyrite infilling vugs.</u>	76.7	17450	1.002				0
		108.0	109.5		Qtz 01	<u>Well foliated. - broken core - Vuggy Qtz.</u>	97.3	17451	1.002				0
		109.5	111.0		Qtz 02	<u>- Broken, rubble core throughout - poorly laminated - 3 cm wide Qtz vein sub-parallel to C/A. - 2nd phase Qtz veinlets oriented ~ parallel to C/A.</u>	77.3	17452	1.002				0
		111.0	112.5		Qtz 06	<u>- Broken, rubble core throughout @ 111.9 - 112.15 fault gouge w/ broken rubble</u>	73.3	17453	1.002				0



DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 14 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	RQD
		120.0	121.5		QTZ 6	- @ 120.0-120.79 FAULT GOUGE AND RUBBLE - FAINT SLICKENSIDES - TR CHLORITE - BLACK MOTTLED QTZ, MINOR PY ALBS	83.3	17453		1.002			0
					TUFF	<u>121.5-126.0</u> TUFF WITH INTERBEDDED PHYLLITE.							
	<p>60° 51° QTZ VEIN</p>	121.5	123.0		QTZ 25	- PY AND PO FINELY DISSEMINATED THROUGHOUT - SHARP CONTACT BETWEEN TUFF AND PHYLLITE (~70° CONTACT ANGLE) - NUMEROUS SMALL QTZ VEINS ~ 0.5 cm WIDE	92.0	17460		<.002			6A.7
4% PY+PO	<p>40° 52°</p>	123.0	124.5		QTZ 25	- WELL LAMINATED, STRONGLY FOLDED - INTERBEDDED TUFF AND GP - QTZ VEINS ~ 0.5 cm WIDE WHICH ARE FOLDED AND BOULDERED	88.0	17461		<.002			5D.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 15 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME Au	BC	MAU	Other A	RAO
2% P ₄ + P ₀	50 52	124.5	126.0		QTZ 15	- WELL LAMINATED, HIGHLY FOLDED GP	92.0	17462	<.002				70.7
						- P ₄ LOCALLY REPLACING LAMINAE - FOLDING SUB-PARALLEL TO C/A							
				GP		<u>126.0 - 236.2m</u> MINOR INTERBEDDED TUFF TOP OF UNIT LOCALLY LAMINATED AND GRAPHITIC. MINOR INTERBEDDED BLACK LIMST							
5% P ₄ + P ₀		126.0	127.5		QTZ 10	- @ 126.0 - 127.00 TUFF - QTZ VEINS CONTAIN CARBONATE CLASTS - BEDDING PARALLEL - SUB-PARALLEL TO C/A - STRONGLY FOLDED THROUGHOUT	96.0	17463	<.002				80.7
	70 QTZ VEIN	127.5	129.0		QTZ 6	- CHLORITE RICH SLST, SLIGHTLY CALCAREOUS - FAINT SILICEOUS LAMINAE - MINOR BOUNDARIED QTZ - 7 CM WIDE QTZ VEIN REAMED BY P ₄ RICH LAMINAE	87.3	17464	<.002				38.0
	80 52	129.0	130.5		QTZ 1	- WELL LAMINATED, HIGHLY DEFORMED - BROKEN, RUBBY CORE - BEDDING SUB-PARALLEL TO C/A	76.0	17465	<.002				0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 16 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	RQP
	70°	130.5	132.0		8-203	Well laminated GP. Interbedded with tuff. 2% pyrite / po Small "Z" fold (?) Axial plane ~ 75°	93.3	17466	<.002			31.3
	60°	132.0	133.5			Well laminated GP. Calcareous/ crystalline laminae. Strong deformation throughout interval.	90.7	17467	<.002			36.7
	60°	133.5	135.0		01-01	Strongly folded GP. locally minor brecciated black limst/ qtz	73.3	17468	<.002			53.2
	65°	135.0	136.5		01-01	Strongly deformed GP - Locally minor tuff - pyrite replacing secondary qtz veins.	86.7	17469	<.002			39.0
	60°	136.5	138.0		01-01	Strongly laminated GP. Numerous small qtz veins and banded qtz. Carbonate occurs w/ qtz. laminae are weakly siliceous.	96.0	17470	.004			62.3

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. DDH 90-120

 SHEET No. 17 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	BE	MAU	Other A
	55°	138.0	139.5		Qtz 20	well laminated GP, 1.2 cm wide qtz vein w/ carb and tr pyrite/po. - graphite sub-parallel to C/A cross cuts qtz veins.	90.0	17471		<.002			28.7
	15°	139.5	141.0		Qtz 08	locally calcareous / siliceous laminar - bedding highly deformed - parallel to sub-parallel to C/A. - qtz veins contain carb. clasts, TR chlorite.	96.7	17472		<.002			32.0
	50°	141.0	142.5		Qtz 02	Poorly laminated, highly silicified - Some laminae are strongly calcareous.	28.7	17473		<.002			17.3
	50°	142.5	144.0		Qtz 04	Bedding sub-parallel to C/A. - well developed Sn, TR. chlorite. - Qtz veins contain brecciated carb. clasts. - strongly calcareous laminae present.	90.7	17474		<.002			57.3
	50°	144.0	145.0		Qtz 03	chloritic laminae sub-parallel to C/A - Minor qtz veining with brecciated carbonate.	90.0	17475		<.002			10.0

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-120

SHEET No. 18 of 30

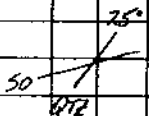
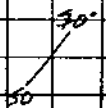
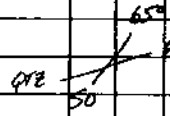
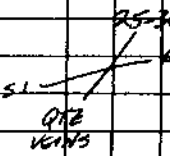
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
TR PY + PO		145.5	147.0		QZ 20	- WELL Banded WITH LOCALLY STRONGLY CALCAREOUS LAMINAE - BEDDING SUB-PARALLEL TO CIA - QZ WITH DOLOMITE CLOTS	96.0	17476		2.002			43.3
		147.0	148.5		QZ 7	- WELL LAMINATED, BEDDING PARALLEL TO SUB-PARALLEL TO CIA - LOCALLY PY AND PO REPLACING LAMINAE - CHLORITIC ALTERATION ON MARGINS OF QZ VEINS	96.6	17477		2.002			50.7
		148.5	150.0		QZ 15	- @ 148.44 - 148.68 QZ VEIN WITH MINOR DOLOMITE CLOTS - QZ VEINLETS REPLACED BY PY AND PO WHICH CROSS-CUT SO	98.0	17478		2.002			45.3
		150.0	151.5			- FINELY LAMINATED, LOCALLY STRONGLY CALCAREOUS LAMINAE - SULPHIDES REPLACE 2 ND PHASE QZ STRINGERS	93.3	17479		2.002			19.3
2% PY + PO		151.5	153.0		QZ 6	- CORE LOCALLY BROKEN AND RUBBY - FINE LAMINAE HIGHLY DEFORMED - CHLORITIC ALTERATION NEAR QZ VEINS	88.0	17480		2.002			36.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 19 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	AG	MAU	Other A	RQD
		153.0	154.5		QZ 40	- MASSIVE P4, P0 @ TOP OF INTERVAL - QZ VEIN @ 153.63-153.83 - BROKEN, RUBBLY CORE	76.7	17481	<.002				0
		154.5	156.0		QZ 40	- QZ BROKEN AND RUBBLY IN LOWER PORTION OF INTERVAL - @ 154.88-155.45 QZ VEIN - P4 AND P0 IN WELL FRACTURES	72.0	17482	<.002				0
		156.0	157.5		QZ 11	- BROKEN, RUBBLY CORE - MODERATELY WELL FOLIATED, LOCALLY THIN BANDS OF CALCITE AND BLACK LIMST WITH VUGS	76.7	17483	<.002				0
		157.5	159.0		QZ 7	- MODERATELY WELL LAMINATED, LOCALLY STRONG DEFORMATION - 10 CM WIDE QZ VEIN WITH DOLOMITE CLOTS	95.3	17484	<.002				21.3
		159.0	160.5		QZ 9	- WELL LAMINATED, LOCALLY STRONG DEFORMATION - MINOR CALCITE LENSES - 10 CM WIDE QZ VEIN STRETCHED AND BOUNDARIED	91.7	17485	<.002				51.0

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. DDH 90-120

 SHEET No. 20 of 30

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	Ag	BC	MAu	Other A	RGD
	25°	160.5	162.0		QTZ 23	@ 160.62 - 161.02. Qtz vein w/ fr. carb. clasts pyrite/po infill fractures - interval is moderately well laminated - calcitic/graphitic laminae.	96.7	17486	<.002					41.3
2% po, pyrite	QTZ	162.0	163.5		QTZ 21	Broken carb w/ Qtz veins throughout - poorly laminated - Qtz locally stringy w/ carbonate filling vugs.	76.0	17487	<.002					12.7
	20°	163.5	165.0		QTZ 02	Moderately well laminated - strongly calcitic siltstone in lower half of interval. - locally pyrite, cpy replacing laminae.	92.7	17488	<.002					13.3
	65°	165.0	166.5		✓	Strongly calcitic siltstone in upper portions of interval. - faint calcitic/siliceous laminations - fault gouge @ 166.09 - 166.29.	77.3	17489	<.002					67.0
	76°	166.5	168.0		QTZ 03	Moderately well laminated. - calcitic slst. laminae throughout - pyrite/po replacing laminae. - bedding sub-parallel to C/A.	85.3	17490	<.002					20

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. DDH 90-120

 SHEET No. 21 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	RQD
	65° 65° QZ	168.0	169.5		QZ 03	Strongly calcitic siltstone intervals - Moderately well developed laminations in lower part of interval - qtz veinlets boudinaged and partially replaced with pyrite / po.	81.3	17491		<.002			0
	70° 50° 50° QZ	169.5	171.0		QZ 10	- Well laminated throughout, slightly calcitic laminae - 11 cm wide qtz vein. w/ minor carbonate clasts. - Small 'Z' fold axial plane N 55° - pyrite blebs throughout.	100	17492		<.002			38.7
	60° 80° 50° QZ	171.0	172.5		QZ 02	- Locally strong deformation of siliceous/dolomitic laminae. - minor boudinaged qtz, cut locally by small shear zones.	98	17493		.006			24.7
	60° 60° QZ	172.5	174.0		—	well developed laminations, strong deformation and folding throughout interval. - bedding sub-parallel to c/a. - siliceous/dolomitic laminae	94.0	17494		<.002			45.3
	60° 50° QZ	174.0	175.5		—	- well laminated, strong folding in lower portion of interval.	88.0	17495		<.002			0

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. DDH 90-120

 SHEET No. 22 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	FA	BL	Au	MAu	Other A
4% pyrite/po	60 62 65 68	175.5	177.0			Well laminated, deformation locally in lower half of interval. - pyrite replacing laminae	100	17496		<.002				56.7
3% pyrite/po/ sphalerite.	65 68	177.0	178.5		qtz 02	Well laminated; deformation throughout - primarily dolomitic laminae / TR. CALCITE.	86.0	17497		<.002				21.3
3% pyrite/po		178.5	180.0			Well laminated, strongly folded over interval - bedding sub-parallel to C/A.	93.3	17498		<.002				71.3
2% pyrite/po		180.0	181.5		qtz 01	Strong deformation throughout interval - S ₂ varies over interval - small qtz vein sub-parallel to C/A - siliceous / graphitic laminae.	85.3	17499		<.002				16.0
2% pyrite/po	65 68	181.5	183.0		qtz 01	Deformation throughout, however S ₂ poorly defined - pyrite replaces 2 nd phase qtz veinlets	94	17500		<.002				60.7

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. DDH 90-120

 SHEET No. 23 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	BC	MAu	Other A	ROD
2% py, po, cpy	80° 50°	183.0	184.5		QTZ 01	- Core broken & rubble - poorly laminated, extensive deformation throughout. Calcitic slst.	86.7	39301		<.002				38.7
		184.5	186.0		Qtz 01	laminar moderately calcitic over entire interval. - strong deformation throughout - minor calcareous silty bands.	94.7	39302		<.002				20.7
	60° 52°	186.0	187.5		QTZ 01	Well foliated, locally deformation sub-parallel - parallel to C/A - thin calcitic laminae throughout.	100	39303		<.002				31.3
	70° 52°	187.5	189.0		Qtz 01	Well laminated, with calcitic laminae up to .5 cm wide - deformation weak. - minor chl. - locally S ₂ well developed	100	39304		<.002				0
	65° 52°	189.0	190.5		Qtz 01	- thin calcitic laminae throughout ≤ .5 cm. - FRACTURES @ 75° to C/A.	87.3	39305		<.002				26.0
	55° 90° Qtz 52°	190.5	192.0		Qtz 35	- Highly deformed, locally S ₂ well developed @ 191.5-192.0 Qtz vein.	100	39306		<.002				24.7

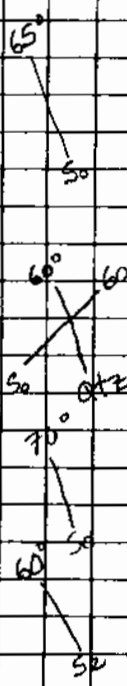
DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-120

 SHEET No. 24 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	FA	BC	MAU	Other A	ROD
		192.0	193.5		—	- BROKEN, RUBBLY CORE. FAULT GOUGE(?) @ 192.25 - 192.63 - Small (~ 3 cm) 's' fold Axial plane ~ 70° - Core broken throughout interval.	86.7	39307		<.002				0
		193.5	195.0		Qtz 03	Poorly laminated. - Small Qtz veins (~ 1 cm) contain carb. clasts. - Dolomitic / calcitic laminae.	85.3	39308		<.002				37.3
		195.0	196.5		Qtz 10	@ 195.46 - 195.7 brecciated vein of calcite / Qtz. @ 196.25 - 196.40 Qtz vein.	90.0	39309		<.002				42.0
		196.5	198.0		—	Broken core, poorly laminated siliceous to minor calcareous laminae.	76.7	39310		<.002				0
		198.0	199.5		Qtz 01	well developed sz, siliceous/ calcareous laminae. Pyrite / po replacing calcareous laminae.	100	39311		<.002				20.0



DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-120

 SHEET No. 25 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A	RQD	
	85°	199.5	201.0		QTZ01	Calcrete / siliceous laminae. Locally lenses of calcrete up to 2 cm wide. - Well developed S ₂	86.0	39312	<.002			0	
	70°	201.0	202.5			Strongly calcitic laminae / lenses - bedding sub-parallel to C/A - Calcareous silty intervals up to 3 cm wide.	100	39313	<.002			23.3	
	70°	202.5	204.0			fine siliceous / calcareous laminae - 2 nd phase Qtz veinlets parallel to C/A. Locally laminae replaced by pyrite. Interval relatively undeformed.	94.3	39314	<.002			42.0	
	70°	204.0	205.5			Locally intense deformation. - fractures sub-parallel to C/A. - fractures infilled with massive pyrite	100	39315	<.002			37.3	
	65°	205.5	207.0		QTZ01	finely laminated. laminae primarily siliceous, minor calcareous laminae - minor Qtz parallel to C/A.	90.0	39316	<.002			38.0	
	75°	207.0	208.5			Interval essentially undeformed, minor local deformation.	95.3	39317	<.002			42.7	

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. 90-120

SHEET No. 27 of 30

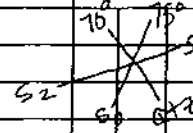
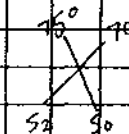
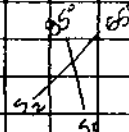
TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG. °	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						ME	BC	Au	MAu	Other A	ROD
	55° 70° S2	226.5	228.0		QTZ O1	- Upper portion of interval strongly deformed. Deformation defined by siliceous laminae - Def ⁿ sub-parallel to C/A. - 6 cm gtz vein devoid of carb. clasts.	96.7	29330		<.002				66.3
	55° 70° S2	228.0	229.5		/	- Strong deformation sub-parallel to C/A. - Minor silty/calcareous laminae - Euhedral X-stals of pyrite disseminated throughout.	100	29331		<.002				66.0
	70° 85° S2	229.5	231.0		/	- Tr. calcareous laminae - Strong deformation throughout interval - 2 nd phase gtz veins sub-parallel to C/A.	80.0	29332		<.002				19.3
	80° 70° S2	231.0	232.5		QTZ O1	Well developed laminations, minor gtz veins (< 1cm) ~ perpendicular to C/A. - Locally brecciated gtz/carbonate. - Calcite infills vugs in gtz.	90.0	29333		<.002				42.7

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. 90-120

SHEET No. 30 of 30

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	RQD
		232.5	234.0		GTZ04	- Well laminated, deformation parallel to c/A - 6 cm gtz vein contains carbonate clasts.	93.3	39334	<.002			58.0
		234.0	235.5		GTZ01	- Well laminated, laminae primarily siliceous/calcareous. - Locally silty bands. - Very competent interval, few fractures.	94.6	39335	<.002			69.3
		235.5	236.2		GTZ01	Well laminated minor gtz veins < 1cm.		39336	<.002			
<u>END OF HOLE</u>												

DIAMOND DRILL RECORD

20547 Part 2 of 3

PROPERTY FRASERGOLD

HOLE No. R 90-121

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 120.35
 % Recovery
 Elev. Collar 1472.9m
 Latitude -40.042
 Departure 4562.479

Sheet No 1 of 6
 Logged by Rob Montgomery
 Date Begun AUG 2, 1990
 Date Finished AUG 3, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						M.E. B.C.		MAu	Other A	
		0	18.3	OV8									
		18.3	19.5	KP	QVZ 20	5% of qtz is siderite. Qtz also shows minor iron staining.		23001	.001	<.002			
		19.5	21.0		QVZ 05	Qtz is mainly cloudy, exhibits minor iron staining.		23002	.001	<.002			
		21.0	22.5		QVZ 01	Minor siderite associated with qtz.		23003	.001	<.002			
Trace amounts of pyrite occur in matrix.		22.5	24.0		—	Minor iron staining in phyllitic matrix.		23004	.001	<.002			
		24.0	25.5		—	iron staining in phyllitic matrix		23005	.001	<.002			
		25.5	27.0		QVZ 01	Matrix is well foliated; minor iron staining		23006	.001	<.002			
Minor pyrite in matrix		27.0	28.5		QVZ 40	Qtz is cloudy white with only very minor iron oxidation.		23007	.001	<.002			
Minor pyrite associated with qtz		28.5	30.0	1% calc. sediment	QVZ 20	Qtz cloudy white; traces of iron oxidation.		23008	.001	<.002			
		30.0	31.5		QVZ 01	Qtz is cloudy white - grey.		23009	.001	<.002			
Pyritic coatings on qtz.		31.5	33.0		QVZ 10	1% siderite		23010	.001	<.002			
		33.0	34.5		QVZ 02	Cloudy qtz, some iron oxidation of phyllitic matrix		23011	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-121

 SHEET No. 3 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						ME	BC	MAu	Other A
Minor chl. Trace of pyrt on qtz		52.5	54.0		QVZ 41	Phyllitic matrix exhibits iron staining		23 024	.001	<.002		
		54.0	55.5		QVZ 01	Qtz is primarily white; a few grains are yellow/orange.		23 025	.001	<.002		
Minor pyrite		55.5	57.0	calc. sed ~10% (CP?)	—	Several large rhombohedral crystals of calcite occur.		23 026	.001	<.002		
Minor epidote (?)		57.0	58.5	calc. sed ~5%	QVZ 02	~2% siltstone		23 027	.003	.004		
Minor chl.		58.5	60.0	calc. sed ~10%	QVZ 05			23 028	.002	<.002		
Minor pyrite associated w/ qtz		60.0	61.5		QVZ 01	Quartz is commonly iron stained		23 029	.001	<.002		
		61.5	63.0		QVZ 05	Qtz varies from clear to cloudy white. Traces of siderite		23 030	.001	<.002		
Trace chl. Trace py.		63.0	64.5		QVZ 01	lack of iron staining in matrix.		23 031	.001	<.002		
		64.5	66.0		-	Homogenous sample comprised predominantly of phyllite matrix.		23 032	.001	<.002		
finely disseminated pyrite occurs on surface of qtz grains		66.0	67.5		QVZ 03	Several small (1-2mm) grains of siderite are present.		23 033	.001	<.002		
		67.5	68.9		-	grey phyllite fr. siderite / limonite.		23 034	.001	<.002		
Trace chl. Minor Cpy.		68.9	70.5		QVZ 02	Minor siderite		23 035	.001	<.002		
Pyrite, chl.		70.5	72.0		QVZ 20	Pyrite occur on qtz & in phyllitic matrix.		23 036	.001	<.002		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-121

 SHEET No. 4 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		72.0	73.5	KP	QVZ 01	Matrix exhibits some iron staining.		23 037	.001	<.002			
Trace chl. Trace sulfides.		73.5	75.0			Qtz < 1%		23 038	.001	<.002			
* V.G. on Qtz. * pyrite, trace chl. Trace sulfides.		75.0	76.5		QVZ 25	qtz is cloudy white, and occasionally polycrystalline.		23 039	.001	<.002			
		76.5	78.0		QVZ 01	qtz is iron stained.		23 040	.003	<.002			
Trace chl.		78.0	79.5			Qtz < 1%		23 041	.002	<.002			
Trace chl.		79.5	81.0		QVZ < 01	Minor siderite ~ 1%		23 042	.001	<.002			
Trace chl.		81.0	82.5			Qtz < 1% . Homogenous phyllite matrix		23 043	.003	<.002			
Pyrite finely disseminated through altered phyllite.		82.5	84.0		-			23 044	.001	<.002			
Pyrite w/ Qtz . Chl.		84.0	85.5		QVZ 05	Qtz white → greyish.		23 045	.001	<.002			
Minor chl. Pyrite on quartz grains.		85.5	87.0		QVZ 05			23 046	.001	<.002			
Pyrit. x-stals along fractures in Qtz.		87.0	88.5		QVZ 01	Some iron oxidation of phyllitic matrix has occurred.		23 047	.003	.003			
Trace pyrite		88.5	90.0			Qtz < 1% . Matrix is dark grey phyllite.		23 048	.001	<.002			
Small veinlets of pyrite occur within phyllite.		90.0	91.5		QVZ 02	Chl. alteration along fractures in Qtz.		23 049	.003	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-121

 SHEET No. 5 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
Cpy. pyrt. in quartz. Minor chl.		91.5	93.0	KP	QVZ 03	Siderite ~ 1%		23 050	.001	<.002			
Pyrite,		93.0	94.5		QVZ 02	Phyllite is lustrous silver-grey.		23 051	.001	<.002			
Minor pyrite w/qtz		94.5	96.0		QVZ 01	Phyllite contains pyritic qtz. veins.		23 052	.001	<.002			
Pyrite, minor chl.		96.0	97.5			Qtz < 1%		23 053	.001	<.002			
Pyrite.		97.5	99.0		QVZ 01	Phyllite is primarily a lustrous grey		23 054	.001	.021			
Pyrt. crystals coat many quartz grains. Trace chl. pyrite, po		99.0	100.5		QVZ 20	Qtz grains range from clear to white		23 055	.001	<.002			
Chl, pyrite		100.5	102.0		QVZ 10	Phyllite is greenish-white.		23 056	.001	<.002			
Chl, pyrite		102.0	103.5		QVZ 20	Phyllite is light green → white/gray Darker grey phyllite is iron stained.		23 057	.001	<.002			
Chl, pyrite		103.5	105.0		QVZ 20	Qtz is white → light grey. Minor siderite		23 058	.001	<.002			
Pyrt, Po		105.0	106.5		QVZ 50	Some broccated quartz w/sulfides. Phyllite is dark grey.		23 059	.004	.008			
Trace chl.		106.5	108.0		✓	Qtz < 1%. Homogenous sample comprised predominantly of dark grey phyllite.		23 060	.001	<.002			
Minor chl, pyrite.		108.0	109.5		QVZ 05			23 061	.001	<.002			
Minor sulfides		109.5	111.0		QVZ 10	Qtz: mainly white; some iron stained		23 062	.001	<.002			

20547 Part 2
of 3

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. R90-122

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole
 Claim.....
 Section.....
 Bearing 045°

Total Depth 150.0 m
 % Recovery
 Elev. Collar 1499.9 m
 Latitude -76.769
 Departure 4719.003

Sheet No 1 of 7
 Logged by Rob Montgomery
 Date Begun Aug 3/90
 Date Finished AUGUST 1, 1990
 Core Stored At R.I.S.G. CAMP

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS					
		FROM	TO						Au	MAu	Other A	Other B		
		0	18.3	OVB										
Trace pyrite.		18.3	19.5	KP		Qtz < 1% silver-grey ironstained phyllite.		23070	.001	<.002				
Trace pyrite in phyllite		19.5	21.0		QVZ 07	Qtz is cloudy white and highly iron stained.		23071	.001	.007				
Trace pyrite in phyllite		21.0	22.5		QVZ 10	Qtz is iron stained. Minor siderite		23072	.001	<.002				
		22.5	24.0		QVZ 50	Qtz is mainly white w/ dusty grey surface coating.		23073	.007	.004				
		24.0	25.5		QVZ 30	Siderite 2%. Small siderite x-stals (w/mm) occur in phyllite matrix.		23074	.001	.004				
		25.5	27.0		-	grey, iron stained phyllite.		23075	.001	<.002				
		27.0	28.5		-	homogenous, dark grey phyllite		23076	.001	<.002				
		28.5	30.0		QVZ 05	Matrix is silver-grey phyllite		23077	.001	<.002				
Minor pyrite.		30.0	31.5		QVZ 25	Trace siderite		23078	.001	.004				
		31.5	33.0		QVZ 10	Qtz is cloudy white and largely unoxidized.		23079	.003	<.002				
		33.0	34.5	KP	QVZ 03	A few large brecciated quartz fragments are present.		23080	.001	<.002				
		34.5	36.0			Qtz < 1%, homogenous dark grey matrix		23081	.001	<.002				
		36.0	37.5	KP/ GPP	QVZ 02	Grey phyllite matrix		23082	.001	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90 - 122

 SHEET No. 2 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	FA	Other	MAU	
-		37.5	39.0	KP	QVZ Q2	Grey phyllite w/ traces of sulfide.		23 083	.001	<.002			
		39.0	40.5	KP/GP		Qtz < 1%. Homogenous sample of grey phyllite		23 084	.001	<.002			
Minor pyrite		40.5	42.0			Qtz < 1% Homogenous grey phyllite		23 085	.001	<.002			
		42.0	43.5		-	Grey phyllite		23 086	.001	<.002			
		43.5	45.0		-	Grey phyllite		23 087	.001	<.002			
		45.0	46.5		-	Grey phyllite		23 088	.001	<.002			
		46.5	48.0		-	Grey phyllite		23 089	.001	<.002			
		48.0	49.5		-	Grey phyllite		23 090	.001	<.002			
Trace Pyrite		49.5	51.0		-	Grey phyllite		23 091	.001	<.002			
		51.0	52.5		-	grey phyllite		23 092	.001	<.002			
		52.5	54.0			Qtz < 1%, grey phyllite matrix		23 093	.001	.003			
Trace pyrite		54.0	55.5		-	Grey phyllite		23 094	.001	<.002			
		55.5	57.0		-	Grey phyllite		23 095	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-122

 SHEET No. 3 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		57.0	58.5	KP/GP?	QVZ 20	Qtz occurs as small white grains as well as large brecciated fragments.		23 096	.001	<.002			
Pyrite, Minor chl.		58.5	60.0		QVZ 30	Phyllite whitish/grey.		23 097	.001	<.002			
Pyrite		60.0	61.5	~1% cak. sed.	QVZ 30	Grey/black banded phyllite		23 098	.001	<.002			
		61.5	63.0			< 1% Qtz. Grey/green phyllite		23 099	.001	<.002			
Trace pyrite		63.0	64.5			< 1% Qtz. Grey phyllite		23 100	.001	<.002			
		64.5	66.0			Qtz < 1% . Grey phyllite.		23 101	.001	<.002			
		66.0	67.5		QVZ 01	Silver-grey phyllite		23 102	.001	<.002			
Minor pyrite		67.5	69.0			Qtz < 1% . Light grey phyllite		23 103	.001	<.002			
		69.0	70.5	~1% cak. sed. B.B.P?	QVZ 05	Brecciated Qtz fragments; black banded phyllite.		23 104	.001	<.002			
		70.5	72.0			Qtz < 1% . Homogenous grey phyllite		23 105	.006	<.002			
Minor pyrite		72.0	73.5			Qtz < 1% . Homogenous grey phyllite.		23 106	.001	<.002			
Minor pyrite		73.5	74.95		QVZ 01	Gray-phyllite		23 107	.001	<.002			
		74.95	76.5		-	Homogenous gray phyllite		23 108	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-122

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		76.5	78.0		-	Homogenous grey phyllite		23 109	.001	<.002			
Minor pyrite		78.0	79.5		QUZ 01	Homogenous grey phyllite.		23 110	.001	<.002			
		79.5	81.0			Qtz < 1% , grey phyllite .		23 111	.001	<.002			
Minor pyrite, chl.		81.0	82.5	~ 1% calc. sediment.	QUZ 01	Black banded pyritic phyllite and grey phyllite		23 112	.001	<.002			
Py; trace chl.		82.5	84.0	~ 1% calc. sed.	QUZ 01	Black banded phyllite & Grey phyllite.		23 113	.001	<.002			
Sulfides ~ 2%		84.0	85.5		-	Sulfides are finely disseminated throughout phyllite.		23 114	.001	<.002			
		85.5	87.0			Qtz < 1% , homogenous dark grey phyllite.		23 115	.001	<.002			
Trace chl. ~ 1% pyrite.		87.0	88.5		QUZ 01			23 116	.001	<.002			
Minor pyrite		88.5	90.0	~ 1% calc. sed.		Qtz < 1%		23 117	.001	.002			
		90.0	91.5			Qtz < 1% well foliated grey phyllite.		23 118	.001	<.002			
		91.5	93.0		-	Minor siderite		23 119	.001	<.002			
Minor chl.		93.0	94.5	~ 10% calc sed (C.P)	QUZ 20	Minor siderite		23 120	.001	<.002			
-		94.5	96.0	K.P.	QUZ 01	grey/black phyllitic matrix		23 121	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-122

 SHEET No. 5 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ME ^{FA} BC ASSAYS				
		FROM	TO						Au	MAu	Other A		
		96.0	97.5		-			23 122	.001	<.002			
~ 1% pyrite		97.5	99.0	KP	QVZ 01	Grey phyllite with brecciated qtz		23 123	.001	<.002			
Minor pyrite		99.0	100.5	KP	QVZ 05	Qtz is predominantly cloudy white, some brecciated qtz also occurs.		23 124	.001	<.002			
Trace pyrite.		100.5	102.0		QVZ 05	Grey phyllite shows some thin black bands		23 125	.001	<.002			
Trace chl.		102.0	103.5		QVZ 01			23 126	.001	<.002			
Pyrite ~ 2%		103.5	105.0		QVZ 03	Sulfides occur in both quartz and phyllite.		23 127	.001	<.002			
Trace chl, pyrite		105.0	106.5	KP	QVZ 30	Siderite ~ 1%		23 128	.046	.153			
Trace chl, pyrite.		106.5	108.0		QVZ 01	Matrix of grey phyllite.		23 129	.001	<.002			
		108.0	109.5	KP	QVZ 05	Matrix is well foliated; very fine black bands seen.		23 130	.001	<.002			
Sulfides ~ 3%		109.5	111.0		-	Sulfide rich grey phyllite.		23 131	.001	<.002			
Trace pyrt. w/ qtz		111.0	112.5	KP	QVZ 10	Qtz is clear to white; unoxidized.		23 132	.001	<.002			
Trace pyrite, chl.		112.5	114.0		-	homogenous grey phyllite		23 133	.001	<.002			
		114.0	115.5	KP	-	Sample is homogenous dark grey phyllite		24 134	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-122

 SHEET No. 6 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
		115.5	117.0	KP	-	Homogenous silver-grey phyllite		23 135	.001	.018			
Trace chl.		117.0	118.5	KP	-	Homogenous grey phyllite		23 136	.004	<.002			
		118.5	120.0		-	Homogenous grey phyllite		23 137	.001	<.002			
Minor chl. Minor pyrite (euhedral x-stals in phyllite)		120.0	121.5	KP	QVZ 01	Homogenous grey phyllite		23 138	.001	<.002			
		121.5	123.0	KP	QVZ 01	Homogenous grey phyllite matrix		23 139	.001	.003			
Trace chl. Pyrt ~ 1%		123.0	124.5	KP	-	Phyllite contains many small qtz veinlets.		23 140	.006	.003			
TRACE PYRITE		124.5	126.0			Qtz < 1%, grey phyllite matrix contains small quartz veinlets.		23 141	.001	<.002			
		126.0	127.5	KP	QVZ 01	Phyllite matrix contains small qtz veinlets.		23 142	.002	<.002			
		127.5	129.0	KP		Qtz < 1%. Sample consists predominantly of qtz rich phyllite.		23 143	.001	<.002			
Minor pyrite.		129.0	130.5		-	Homogenous grey phyllite.		23 144	.001	<.002			
Minor pyrite		130.5	132.0	KP		Grey phyllite		23 145	.001	<.002			
Pyrite ~ 1%		132.0	133.5		QVZ 05	Greenish grey phyllite		23 146	.001	<.002			
Trace pyrite		133.5	135.0		QVZ 20	homogenous light grey phyllite		23 147	.001	<.002			

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Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. R90-123

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim
 Section
 Bearing 045°

Total Depth 75.0 m
 % Recovery
 Elev. Collar 1465.3 m
 Latitude 21.71
 Departure 1670.542

Sheet No 1 of 4
 Logged by Rob Montgomery
 Date Begun AUGUST 5, 1990
 Date Finished AUGUST 5, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
		0	10.5	OVB									
		10.5	12.0	KP	-	Fe-stained grey phyllite		²³ 158	.003	<.002			
Minor pyrite		12.0	13.5	QVZ 10		Qtz is cloudy white and Fe stained. Phyllite matrix also iron stained.		²³ 159	.005	.003			
		13.5	15.0	QVZ 25		Grey phyllite contains thin black bands, highly iron stained.		²³ 160	.007	.005			
Minor pyrite		15.0	16.5	QVZ 30		1% siderite, Qtz is Fe-stained pyrite commonly infills fractures.		²³ 161	.001	<.002			
		16.5	18.0			Qtz < 1%. Sample consists primarily of grey iron oxidized phyllite.		²³ 162	.003	.003			
		18.0	19.5			Qtz < 1%, Homogenous grey phyllite matrix.		²³ 163	.007	<.002			
Trace pyrite in Qtz.		19.5	21.0	QVZ 03		Grey phyllite matrix.		²³ 164	.005	.005			
Minor pyrite		21.0	22.5	QVZ 25		Qtz is primarily cloudy white.		²³ 165	.006	.006			
Trace pyrite, cpy		22.5	24.0	QVZ 20				²³ 166	.003	.003			
Trace chl.													
TRACE pyrite.		24.0	25.5	QUZ 01		Uniform grey matrix.		²³ 167	.001	<.002			
Trace pyrite		25.5	27.0			Qtz < 1%. Dark grey matrix.		²³ 168	.007	<.002			
Trace pyrite.		27.0	28.5	QVZ 15		Dark grey phyllite matrix.		²³ 169	.007	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-123

 SHEET No. 2 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	OC	MAU	Other A	
		28.5	30.0	KP	QVZ 01	Dark grey homogenous phyllite.		23 170	.006	<.002			
Minor py.		30.0	31.5			Qtz < 1%. Homogenous grey/black phyllite.		23 171	.001	<.002			
		31.5	33.0		QVZ 07	Qtz is cloudy white, as well as brecciated		23 172	.009	.016			
Minor py, cpy.		33.0	34.5		QVZ 02	Homogenous grey phyllite.		23 173	.014	.007			
~2% pyrite		34.5	36.0		QVZ 01	Pyrite present in both matrix and Qtz.		23 174	.001	<.002			
Minor pyrite.		36.0	37.5			Qtz < 1%. Homogenous grey phyllite matrix		23 175	.004	.003			
Trace pyrite.		37.5	39.0		QTZ 05	Homogenous grey phyllite.		23 176	.014	.006			
Minor pyrite		39.0	40.5		QTZ 20	Qtz ranges from clear to white a few brecciated fragments occur.		23 177	.026	<.002			
Py.		40.5	42.0			Qtz < 1%. Py. finely disseminated throughout phyllitic matrix.		23 178	.003	<.002			
~1% pyrite		42.0	43.5		QVZ 05	Light grey phyllite matrix.		23 179	.001	<.002			
		43.5	45.0		QVZ 02	Matrix; light grey, also contains a few green, chloritic phyllite frag.		23 180	.001	.003			
minor pyrite		45.0	46.5		QVZ 05	Chloritic phyllite matrix.		23 181	.001	<.002			
minor pyrite		46.5	48.0		-	Light grey sulfide rich matrix.		23 182	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-123

 SHEET No. 3 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BL	MAu	Other A	
Minor py, cpy.		48.0	49.5	KP	QVZ 20	dark grey phyllite matrix.		23 183	.001	<.002			
Minor py.		49.5	51.0	~1% calc. sed.	QVZ 15	Qtz; clear to cloudy white		23 184	.001	<.002			
py, Trace chl.		51.0	52.5		QVZ 05	Grey phyllite matrix		23 185	.001	<.002			
Trace chl.		52.5	54.0		QVZ 05	Grey phyllite matrix		23 186	.001	<.002			
Trace chl.		54.0	55.5		QVZ 10	Light grey phyllitic matrix		23 187	.001	<.002			
Minor py.		55.5	57.0		QVZ 03	Grey phyllite matrix		23 188	.001	<.002			
Minor py, po		57.0	58.5		QVZ 03	Quartz → white some iron stained.		23 189	.001	<.002			
Minor py, chl.		58.5	60.0		QVZ 01	Dark grey phyllite matrix		23 190	.001	<.002			
~ 2% py, po		60.0	61.5		QVZ 03	A few larger crystals of pyrite occur ~2-3mm		23 191	.001	<.002			
py. with quartz		61.5	63.0		QVZ 15	Qtz is cloudy white to greenish white.		23 192	.001	<.002			
1% py.		63.0	64.5		QVZ 15	Grey, pyritic phyllite		23 193	.001	<.002			
		64.5	66.0		QVZ 02	Homogenous grey phyllite		23 194	.001	<.002			
-		66.0	67.5		-	Dark grey phyllite		23 195	.001	<.002			

DIAMOND DRILL RECORD

20547

Part 2 of 3

PROPERTY FRASERGOLD

HOLE No. R90-124

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim
 Section
 Bearing 045°

Total Depth 75.0 M
 % Recovery
 Elev. Collar 1481.8 M
 Latitude -3.812
 Departure 477.877

Sheet No 1 of 3
 Logged by Rob Montgomery
 Date Begun Aug. 6 1990
 Date Finished AUGUST 7, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PL E No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		0	18.3	OVB									
Minor pyrite		18.5	19.5	KP	-	Homogenous grey phyllite, minor Fe-oxidation		23 201	.001	<.002			
Minor pyrite		19.5	21.0		QVZ 02	~4% siderite, grey phyllite matrix.		23 202	.002	<.002			
		21.0	22.5	1% calc. sed.		<1% Qtz. Fe-stained grey phyllite.		23 203	.001	<.002			
Minor chl.		22.5	24.0	2% calc. sed.	QVZ 05	grey phyllite.		23 204	.001	<.002			
		24.0	25.5		QVZ 15	Light grey phyllite matrix.		23 205	.005	<.002			
Minor py, cpy		25.5	27.0		QVZ 35	Light silvery-grey phyllite, Qtz; cloudy white, some brecciated w/carb		23 206	.006	.007			
Minor py.		27.0	28.5		QVZ 05	Brecciated Qtz contains pyrite along fractures.		23 207	.003	<.002			
Minor py on Qtz & phyllite		28.5	30.0		QVZ 10	Grey phyllite.		23 208	.001	<.002			
		30.0	31.5		-	Homogenous grey phyllite matrix.		23 209	.001	.004			
		31.5	33.0		-	grey phyllite.		23 210	.001	<.002			
		33.0	34.5			Qtz <1%. grey phyllite.		23 211	.001	<.002			
		34.0	36.0			Qtz <1%. grey phyllite		23 212	.001	.003			
Minor pyrite, chl.		36.0	37.5		QVZ 07	grey phyllite matrix.		23 213	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-124

 SHEET No. 2 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		37.5	39.0	KP	QVZ 05	20% of Qtz is iron stained, grey phyllite matrix.		23 214	.001	.002			
		39.0	40.5		QVZ 20	Qtz cloudy white, some brecciated. Light grey phyllite matrix.		23 215	.001	<.002			
Minor pyrite		40.5	42.0		QVZ 05	grey phyllite.		23 216	.002	<.002			
		42.0	43.5		QVZ 02	grey phyllite matrix		23 217	.002	<.002			
		43.5	45.0			Qtz < 1%. Minor siderite. grey phyllite matrix.		23 218	.001	<.002			
Trace pyrite		45.0	46.5		QVZ 01	Quartz is predominantly iron stained.		23 219	.001	.003			
Trace pyrite		46.5	48.0			Qtz < 1%. Homogenous grey phyllite.		23 220	.007	.008			
Trace chl.		48.0	49.5			Qtz < 1%. Grey phyllite, trace siderite.		23 221	.002	.004			
		49.5	51.0		QVZ 01	Siderite ~ 1%. Grey phyllite matrix		23 222	.001	<.002			
		51.0	52.5			Qtz < 1%. Homogenous grey phyllite. Minor siderite.		23 223	.001	<.002			
Minor chl.		52.5	54.0		QVZ 01	Grey phyllite, minor siderite.		23 224	.001	<.002			
		54.0	55.5			Qtz < 1%, Minor siderite with grey phyllite.		23 225	.001	.002			
Minor pyrite, chl.		55.5	57.0		QVZ 05	Qtz; cloudy white, some brecciated.		23 226	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-124

 SHEET No. 3 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	AU	Other A	
		57.0	58.5	KP		< 1% Qtz Homogenous grey phyllite		23 227	.001	<.002			
Trace pyrite		58.5	60.0		QUZ 01	Trace siderite, Grey phyllite.		23 228	.001	<.002			
		60.0	61.5			Qtz < 1% . Grey phyllite.		23 229	.001	<.002			
		61.5	63.0		-	Trace siderite . Grey phyllite		23 230	.001	<.002			
		63.0	64.5		QUZ 05	Qtz: cloudy white . Grey phyllite		23 231	.003	.007			
Trace pyrite		64.5	66.0		QUZ 03	Primarily grey phyllite.		23 232	.001	.006			
Trace pyrite		66.0	67.5		QUZ 10	Qtz is cloudy white . Light grey phyllite		23 233	.001	<.002			
Minor pyrite, cpy		67.5	69.0		QUZ 03	Grey phyllite contains blebs of pyrite.		23 234	.001	.003			
Pyrite		69.0	70.5	~ 2% calc. sediment.	QUZ 03	Large blebs of pyrite occur in dark grey phyllite.		23 235	.001	<.002			
Trace py, po		70.5	72.0		QUZ 10	Qtz: cloudy white . Grey pyritic phyllite.		23 236	.001	<.002			
1% pyrite		72.0	73.5		QUZ 10	Grey phyllite contains abundant pyrite blebs.		23 237	.001	<.002			
2% pyrite		73.5	75.0		QUZ 20	pyrite occurs in both Qtz. and phyllite		23 238	.001	<.002			

20547 Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. R90-125

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim
 Section
 Bearing 045

Total Depth 81.0 m
 % Recovery
 Elev. Collar 1488.5 m
 Latitude -15.500
 Departure 4828.225

Sheet No 1 of 4
 Logged by R. Montgomery
 Date Begun Aug. 07, 1990
 Date Finished AUGUST 8, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		0	18.3	OVB									
		18.3	19.5	KP	-	oxidized grey phyllite		23 239	.001	<.002			
		19.5	21.0	Trace calc. sed.	-	homogenous light grey phyllite.		23 240	.001	<.002			
		21.0	22.5	1% calc. sed.	-	grey phyllite.		23 241	.001	<.002			
		22.5	24.0	2% calc. sed.	QVZ 01	mainly grey phyllite, some Fe-oxidation		23 242	.001	<.002			
Minor pyrite, chl.		24.0	25.5			Qtz < 1%. grey phyllite contains blebs of pyrite.		23 243	.001	<.002			
Minor pyrite		25.5	27.0		QVZ 03	Qtz: cloudy white with finely disseminated pyrite.		23 244	.001	<.002			
		27.0	28.5		QVZ 02	Qtz is cloudy white, occasionally brecciated.		23 245	.001	<.002			
Minor pyrite.		28.5	30.0			Qtz < 1%. homogenous grey phyllite contains minor pyrite.		23 246	.001	<.002			
		30.0	31.5			Qtz < 1%. homogenous grey matrix, minor Fe-oxidation.		23 247	.001	<.002			
		31.5	33.0			Qtz < 1%. grey homogenous phyllite		23 248	.001	<.002			
		33.0	34.5		-	homogenous grey phyllite.		23 249	.001	<.002			
		34.5	36.0			Qtz < 1%. grey homogenous phyllite		23 250	.001	.013			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-125

 SHEET No. 2 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		36.0	37.5	KP	QVZ 10	Qtz is cloudy white, grey phyllite matrix		23 251	.004	<.002			
Minor pyrite		37.5	39.0		QVZ 05	grey phyllite matrix contains minor pyrite blobs.		23 252	.001	<.002			
		39.0	40.5			Qtz < 1% . grey phyllite		23 253	.001	<.002			
		40.5	42.0			Qtz < 1% . grey phyllite .		23 254	.001				
		42.0	43.5		-	homogenous grey phyllite		23 255	.001				
		43.5	45.0		-	homogenous grey phyllite .		23 256	.001				
		45.0	46.5			Qtz < 1% . homogenous grey phyllite .		23 257	.001	<.002			
Minor pyrite		46.5	48.0		-	Qtz < 1% . grey phyllite contains finely disseminated pyrite		23 258	.001	<.002			
		48.0	49.5		-	homogenous grey phyllite		23 259	.001	<.002			
		49.5	51.0		QVZ 01	cloudy white quartz . homogenous grey phyllite .		23 260	.005	<.002			
		51.0	52.5		-	homogenous grey phyllite		23 261	.001	<.002			
		52.5	54.0		-	homogenous grey phyllite		23 262	.001	<.002			
Minor pyrite, cpy.		54.0	55.5		QVZ 01	Minor siderite grey phyllite		23 263	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-125

 SHEET No. 3 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	AC	MAu	Other A	
Trace pyrite.		55.5	57.0	KP		Qtz < 1% . homogenous grey phyllite.		²³ 264	.001	<.002			
		57.0	58.5	KP		Qtz < 1% . dark grey phyllite matrix		²³ 265	.001	<.002			
Minor pyrite		58.5	60.0	Trace calc. sed.		Qtz < 1% . grey phyllite contains trace sulfides.		²³ 266	.001	<.002			
1% pyrite		60.0	61.5		-	sideritic grey phyllite.		²³ 267	.001	<.002			
Minor chl, sericite		61.5	63.0		QVZ 02	dark grey phyllite.		²³ 268	.003	<.002			
Minor pyrite		63.0	64.5			Qtz < 1% . light grey phyllite has small blebs of pyrite.		²³ 269	.005	<.002			
		64.5	66.0			Qtz < 1% . light grey phyllite, minor siderite.		²³ 270	.003	<.002			
Minor pyrite.		66.0	67.5		QVZ 02	A few large qtz fragments are brecciated and contain carbonate.		²³ 271	.001	<.002			
minor pyrite		67.5	69.0		-	light grey phyllite, trace calc. sed.		²³ 272	.001	<.002			
		69.0	70.5			Qtz < 1% . light grey phyllite, contains minor siderite.		²³ 273	.002	<.002			
2% pyrite, trace po		70.5	72.0	1% calc sed		Qtz < 1% . Brecciated quartz and carbonate . grey phyllite matrix.		²³ 274	.001	<.002			
1% pyrite, trace po		72.0	73.5		-	homogenous grey phyllite		²³ 275	.001	<.002			
-		73.5	75.0		QVZ 05	homogenous grey phyllite.		²³ 276	.001	<.002			

DIAMOND DRILL RECORD

20547 Part 2 of 3

PROPERTY FRASERGOLD

HOLE No. R90-126

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 81.0 m
 % Recovery.....
 Elev. Collar 1499.6 m
 Latitude -32.354
 Departure 4915.077

Sheet No 1 of 4
 Logged by R. Montgomery
 Date Begun Aug 8/90
 Date Finished AUGUST 9, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AC	MAu	Other A	
		0	19.5	OVB									
		19.5	21.0	KP	QVZ 02	Qtz clear to cloudy white, grey phyllite is iron stained.		23 281	.001	<.002			
Minor pyrite		21.0	22.5		QVZ 03	grey phyllite matrix contains pyrite blebs.		23 282	.001	<.002			
Minor pyrite		22.5	24.0	KP/CP		~5% calc. sed. grey phyllite with minor siderite.		23 283	.001	<.002			
		24.0	25.5	KP	QVZ 05	Brecciated Qtz & carbonate grains, grey phyllite matrix.		23 284	.001	<.002			
Minor pyrite, cpy		25.5	27.0		QVZ 05	Several large grains of brecciated Qtz & carbonate occur.		23 285	.003	<.002			
		27.0	28.5		QVZ 10	Qtz: primarily cloudy white, some brecciated		23 286	.001	<.002			
1% pyrite		28.5	30.0		QVZ 15	Qtz is cloudy white or brecciated with carbonate.		23 287	.001	<.002			
Trace pyrite, cpy, chl.		30.0	31.5			Qtz 1%. Light grey phyllite matrix.		23 288	.001	<.002			
		31.5	33.0		QVZ 02	homogenous light grey phyllite.		23 289	.001	<.002			
Minor chlorite		33.0	34.5		QVZ 10	grey sideritic phyllite		23 290	.001	<.002			
Trace pyrite,		34.5	36.0			Qtz <1%. homogenous grey phyllite matrix.		23 291	.003	.006			
Minor chl, pyrite.		36.0	37.5		QVZ 01	Grey phyllite shows some Fe-oxidation.		23 292	.004	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-126

 SHEET No. 2 of 4

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
Minor chl, pyrite		37.5	39.0	KP	QVZ 05	Brecciated Qtz occurs in association with carbonate. Grey phyllite matrix.		23 293	.006	.003			
Minor pyrite		39.0	40.5			Qtz < 1%. Homogenous grey phyllite.		23 294	.001	<.002			
-		40.5	42.0	KP	QVZ 03	A few large grains of brecciated Qtz w/ carbonate occur		23 295	.001	<.002			
-		42.0	43.5			Qtz < 1%. grey phyllite, minor amounts of brecciated Qtz/carbonate.		23 296	.001	<.002			
Minor pyrite		43.5	45.0	Trace calc. sed.		Qtz < 1% homogenous grey phyllite.		23 297	.001	<.002			
Minor pyrite, chl.		45.0	46.5		QVZ 10	Qtz: cloudy white, may occur in association with brecciated carbonate.		23 298	.001	<.002			
Minor pyrite		46.5	48.0		QVZ 01	iron stained grey phyllite.		23 299	.001	<.002			
Minor pyrite		48.0	49.5			Qtz < 1%. grey homogenous phyllite.		23 300	.001	<.002			
Minor pyrite		49.5	51.0		-	homogenous grey phyllite		23 301	.001	<.002			
Minor pyrite		51.0	52.5		QVZ 03	grey, Fe-stained phyllite.		23 302	.001	<.002			
		52.5	54.0		QVZ 20	Qtz is generally cloudy white. grey phyllite is iron stained.		23 303	.001	<.002			
		54.0	55.5		QVZ 10	Qtz cloudy white, some brecciated with carbonate.		23 304	.001	<.002			
Minor pyrite		55.5	57.0		QVZ 01	homogenous grey phyllite.		23 305	.001	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-126

 SHEET No. 3 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	RE	MAu	Other A	
Minor pyrite, po		57.0	58.5	KP	-	sulfide blebs occur in homogenous grey phyllite.		23 306	.001	.012			
		58.5	60.0		QVZ 01	grey phyllite, minor siderite.		23 307	.001	<.002			
		60.0	61.5		-	Qtz < 1%, homogenous grey phyllite		23 308	.002	<.002			
Minor pyrite, trace chl.		61.5	63.0			Qtz < 1%, Pyrite occurs mainly as blebs in grey phyllite.		23 309	.006	.004			
Minor pyrite		63.0	64.5			Qtz < 1%, homogenous grey phyllite.		23 310	.006	.004			
Minor chl.		64.5	66.0		QVZ 02	Minor siderite, grey phyllite matrix.		23 311	.002	.005			
Pyrite, epy		66.0	67.5		QVZ 01	Sulfides occur as blebs or veinlets in grey phyllite.		23 312	.009	.007			
		67.5	69.0		QVZ 01	grey phyllite, minor siderite		23 313	.001	<.002			
Minor pyrite		69.0	70.5		QVZ 01	homogenous grey phyllite, Minor brecciated Qtz/carb.		23 314	.003	<.002			
Minor pyrite		70.5	72.0		-	Homogenous grey phyllite.		23 315	.001	<.002			
		72.0	73.5		QVZ 01	grey phyllite.		23 316	.001	<.002			
pyrite		73.5	75.0		QVZ 10	Grey phyllite matrix w/ brecciated Qtz & carbonate.		23 317	.001	<.002			
Minor pyrite		75.0	76.5		QVZ 15	Qtz is primarily cloudy white - grey phyllite matrix		23 318	.005	.003			

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASERGOLD

 HOLE No. R90-127

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -50°
 Claim
 Section
 Bearing 045°

 Total Depth 81.0 m
 % Recovery
 Elev. Collar 1504.9 m
 Latitude -31.696
 Departure 5037.761

 Sheet No 1 of 4
 Logged by R. Montgomery
 Date Begun AUGUST 10, 1990
 Date Finished AUGUST 11, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	BC	MAu	Other A	
		0	16.9										
Tr. pyrite, chl., sericite		16.9	18.0	KP	QVZ 05	Qtz cloudy white, trace siderite. Some brecciated Qtz/carb. Limonitic grey phyllite.		23 325		.003			
TRACE chl., sericite.		18.0	19.5			Qtz < 1% . grey phyllite matrix.		23 326		<.002			
Trace pyrite.		19.5	21.0		QVZ 15	Qtz cloudy white, some brecciated w/carb. Minor sericitic alteration, minor siderite.		23 327		.006			
Minor pyrite, po		21.0	22.5		QVZ 15	Qtz with carbonate . Minor sericitic alteration.		23 328		<.002			
		22.5	24.0			Qtz < 1% , minor sericite . Homogenous grey phyllite.		23 329		<.002			
Minor chl.		24.0	25.5		QVZ 01	Homogenous grey phyllite, tr. graphite.		23 330		<.002			
Minor pyrite, sericite		25.5	27.0		QVZ 02	Homogenous grey phyllite.		23 331		<.002			
Trace chl, sericite		27.0	28.5		-	Trace siderite in grey phyllite.		23 332		<.002			
Trace pyrite		28.5	30.0			Qtz < 1% . Homogenous grey phyllite.		23 333		<.002			
Trace pyrite, sphalerite.		30.0	31.5		QVZ 02	Minor brecciated Qtz/carb . Grey phyllite matrix.		23 334		<.002			
Trace chl, pyrite		31.5	33.0		-	Homogenous grey phyllite matrix,		23 335		<.002			
		33.0	34.5			Qtz < 1% . Homogenous grey phyllite minor limonite and sideritic alteration.		23 336		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-127

 SHEET No. 2 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
		34.5	36.0	KP		Qtz < 1%, some brecciated with carb.		23 337		<.002			
Minor pyrite, po		36.0	37.5			Qtz < 1%. Homogenous grey phyllite minor limonite & siderite.		23 338		<.002			
Tr. pyrite		37.5	39.0		QVZ 01	Homogenous grey phyllite.		23 339		<.002			
Tr. pyrite		39.0	40.5		QVZ 03	Homogenous grey phyllite, minor siderite.		23 340		.004			
Minor pyrite.		40.5	42.0		QVZ 15	Qtz - clear to cloudy white. Grey phyllite matrix.		23 341		<.002			
Minor chlorite, sericite.		42.0	43.5			Qtz < 1%. Grey phyllite with minor limonite.		23 342		<.002			
-		43.5	45.0			Qtz < 1%. Grey phyllite with minor limonite & siderite.		23 343		<.002			
		45.0	46.5		-	Homogenous grey phyllite.		23 344		<.002			
Tr. pyrite, po		46.5	48.0		QVZ 05	Homogenous grey phyllite.		23 345		<.002			
Tr. sericite. Minor pyrite, po		48.0	49.5		AVZ 05	Grey phyllite w/ trace limonite / siderite.		23 346		.005			
Tr. pyrite, po		49.5	51.0		QVZ 01	Grey phyllite matrix.		23 347		.099			
Py. po ~ 1%. Tr. siderite, chl.		51.0	52.5		QVZ 10	Larger Qtz clasts contain brecciated carbonate		23 348		.016			
TRACE Pyrite		52.5	54.0	Trace calc. sed.	QVZ 05	Qtz is primarily cloudy white.		23 349		.008			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-127

 SHEET No. 3 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	BC	MAu	Other A
Minor pyrite, po		54.0	55.5	Tr. calc sediment. KP ↑		Qtz < 1%. Homogenous grey phyllite, blebs of sulfide throughout.		23 350		.006		
Minor pyrite, po		55.5	57.0	Tr. calc sed.		Qtz < 1%. Homogenous grey phyllite		23 351		.012		
Pyrite, tr. sericite		57.0	58.5	Trace calc sed.		Qtz < 1%. Grey phyllite with minor siderite/limonite.		23 352		.008		
Minor pyrite, po Trace sericite		58.5	60.0		QVZ 02	Grey phyllite contains sulfide blebs		23 353		.004		
~1% chl. Minor pyrite, po		60.0	61.5	-	-	Qtz < 1%. Grey phyllite with minor siderite/ limonite.		23 354		.010		
Minor pyrite, sericite chl.		61.5	63.0		QVZ 03	Light grey phyllite.		23 355		<.002		
Tr. sericite, chl.		63.0	64.5		QVZ 03	Minor brecciated Qtz/carb.		23 356		<.002		
Minor pyrite, po		64.5	66.0	-	-	Qtz < 1%. Sulfides occur as blebs in grey phyllite.		23 357		<.002		
Minor pyrite, po		66.0	67.5		QVZ 01	Minor brecciated Qtz/carb. grey phyllite with minor siderite.		23 358		.010		
Minor py, po, sericite		67.5	69.0		QVZ 02	Qtz: cloudy white - minor brecciated with carbonate.		23 359		.014		
TR. SERICITE, CHLORITE ~1% pyrite, po		69.0	70.5		QVZ 01	grey phyllite contains numerous blebs of sulfide		23 360		.003		
Sericite, tr. chl tr py, po, sph.		70.5	72.0		QVZ 03	Light grey phyllite matrix		23 361		<.002		
Minor sericite, chl. Tr. pyrite, po		72.0	73.5			Qtz < 1% homogenous grey matrix.		23 362		<.002		

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER-GOLD

 HOLE No. R 90-128

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

 Total Depth 124.5
 % Recovery
 Elev. Collar 1522.0m
 Latitude -81.304
 Departure 5713.010

 Sheet No 1 of 6
 Logged by R. Montgomery
 Date Begun Aug 12/90
 Date Finished Aug 13/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH-1	LITH-2	DESCRIPTION	RECO-VERY	SAM-PL E No.	FA ASSAYS				
		FROM	TO						ME	GC	MAu	Other A	
		0	16.5	OVB									
-		16.5	18.0	KP	QVZ01	Grey phyllite with ~ 2% siderite/limonite		23 368	<.002				
-		18.0	19.5		QVZ05	Qtz is iron stained. Siderite/limonite rich grey phyllite.		23 369	<.002				
Tr. pyrite, po		19.5	21.0			Qtz < 1%. Grey phyllite contains ~ 2% siderite/limonite.		23 370	<.002				
Tr. pyrite, po		21.0	22.5			Qtz < 1%. Grey phyllite contains siderite/limonite.		23 371	<.002				
		22.5	24.0		QVZ01	Qtz is iron stained. Sideritic grey phyllite		23 372	<.002				
-		24.0	25.5		-	Grey siderite rich phyllite. ~ 5% siderite/limonite		23 373	<.002				
-		25.5	27.0		-	Homogenous, sideritic grey phyllite.		23 374	<.002				
Tr. pyrite, po		27.0	28.5			Qtz < 1%. 2% siderite. Grey/limonitic phyllite.		23 375	<.002				
Minor sericite, chl.		28.5	30.0		QVZ03	Minor brecciated Qtz/carb. Limonitic grey phyllite.		23 376	<.002				
Tr. pyrite, po		30.0	31.5		QVZ05	Qtz mainly cloudy white, some brecciated. Grey Limonitic phyllite.		23 377	<.002				
-		31.5	33.0			Qtz < 1%. Homogenous grey phyllite matrix.		23 378	<.002				
Minor chl, sericite		33.0	34.5		QVZ01	Minor brecciated Qtz/carb. Grey phyllite w/ minor siderite/limonite.		23 379	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-128

 SHEET No. 2 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	AU	MAU	Other A
TR. pyrite, po. Minor sericite.		34.5	36.0	KP	QVZ 01	grey phyllite matrix contains finely disseminated Sulfides.		23 380		<.002			
Minor pyrite, po. Minor sericite.		36.0	37.5		QVZ 01	Homogenous grey phyllite matrix.		23 381		<.002			
-		37.5	39.0			Qtz < 1%. Homogenous grey phyllite.		23 382		<.002			
-		39.0	40.5		-	Grey phyllite w/ minor siderite/ Limonite		23 383		<.002			
-		40.5	42.0			Qtz < 1%. Minor brecciated qtz w/ carb. Grey phyllite matrix.		23 384		.011			
TR. sericite.		42.0	43.5		QVZ 02	Grey limonitic /sideritic phyllite.		23 385		<.002			
-		43.5	45.0		-	Minor siderite. Homogenous grey phyllite.		23 386		<.002			
-		45.0	46.5		QVZ 05	Qtz; primarily cloudy white. Grey phyllite matrix; minor siderite.		23 387		<.002			
Minor pyrite, po ~ 1% sericite		46.5	48.0	Minor calc. sed.	QVZ 05	Light grey phyllite matrix.		23 388		.003			
-		48.0	49.5	Minor calc. sed.	QVZ 05	Qtz cloudy white. Light grey phyllite		23 389		.007			
TR. pyrite, po		49.5	51.0		-	Sulfides occur as blebs in grey phyllite.		23 390		<.002			
TR. pyrite, po		51.0	52.5		-	Grey phyllite w/ minor siderite/Limonite		23 391		<.002			
Minor pyrite, po. Minor chl.		52.5	54.0			Qtz < 1%. Grey phyllite matrix contains ~ 2% siderite.		23 392		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-128

 SHEET No. 3 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
Tr. chl.		54.0	55.5	KP		Qtz < 1%. Homogenous grey phyllite with minor siderite/Limonite.		23 393		.012			
Minor pyrite, po chl, sericite.		55.5	57.0		QVZ 01	grey phyllite, minor siderite/Limonite.		23 394		.010			
		57.0	58.5		-	Homogenous grey phyllite, minor siderite/Limonite.		23 395		<.002			
Minor pyrite, po		58.5	60.0		-	grey phyllite w/ minor Limonite/siderite.		23 396		<.002			
Minor pyrite, po		60.0	61.5			Qtz < 1%. grey sideritic phyllite with minor sulfide blebs throughout		23 397		<.002			
Tr pyrite, po, sericite		61.5	63.0		Minor calc. sed.	Qtz < 1%. Homogenous grey phyllite.		23 398		.002			
-		63.0	64.5		5% calc. sed.	Qtz < 1%. Homogenous grey phyllite.		23 399		<.002			
		64.5	66.0		Tr. calc. sed.	Qtz < 1%. grey phyllite, minor siderite. (< 1%).		23 400		<.002			
Minor pyrite, po, sericite		66.0	67.5		QVZ 03	Minor brecciated Qtz/carbonate clasts. grey phyllite w/ tr. limonite.		23 401		<.002			
-		67.5	69.0			Qtz < 1%. grey phyllite, minor siderite.		23 402		<.002			
Minor siderite, pyrite, po.		69.0	70.5			Qtz < 1%. grey phyllite.		23 403		<.002			
Tr. sericite. Minor pyrite, po		70.5	72.0			Qtz < 1%. Homogenous grey phyllite matrix.		23 404		<.002			
Minor pyrite, po		72.0	73.5		QVZ 01	Some brecciated Qtz w/ carb.		23 405		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-128

 SHEET No. 4 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						AU	ME	PG	MAU	Other A
-		73.5	75.0	KP	-	Homogenous grey phyllite w/ tr. limonite & siderite.		23 406		<.002			
Minor sericite		75.0	76.5		QUZ.05	unaltered grey phyllite.		23 407		<.002			
-		76.5	78.0			Qtz < 1% . grey phyllite w/ minor Limonite / siderite.		23 408		<.002			
TR. pyrite, po . Minor sericite.		78.0	79.5			Qtz < 1%		23 409		<.002			
TR. pyrite, po		79.5	81.0		-	Homogenous grey phyllite , minor siderite/ Limonite.		23 410		<.002			
-		81.0	82.5		-	Homogenous grey phyllite		23 411		<.002			
Minor sericite		82.5	84.0		-	Homogenous grey phyllite .		23 412		<.002			
-		84.0	85.5		-	grey phyllite w/ trace siderite.		23 413		<.002			
Minor sericite, TR pyrite, po		85.5	87.0		-	Qtz < 1% . Grey phyllite , minor siderite.		23 414		<.002			
		87.0	88.5		-	Unaltered grey phyllite . TR. siderite.		23 415		<.002			
Minor pyrite, po, & sericite		88.5	90.0		-	grey phyllite matrix , minor siderite		23 416		<.002			
Minor sericite		90.0	91.5			Qtz < 1% . grey phyllite matrix w/ minor sulfide blebs.		23 417		<.002			
Minor pyrite, po		91.5	93.0		Tr. calc. sed.	Qtz < 1%		23 418		.004			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-128

 SHEET No. 5 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	MAu	Other A	
Pyrite, po, Tr. sericite, Tr. sphalerite, Minor pyrite, po		93.0	94.5	KP	QVZ 10	Light grey phyllite matrix.		²³ 419		<.002			
Minor sericite, Tr. pyrite, po, Minor sericite		94.5	96.0		-	Homogenous grey phyllite, minor sulfide blebs.		²³ 420		.004			
Minor pyrite, po		96.0	97.5			Qtz < 1% . grey phyllite contains small blebs of sulfides.		²³ 421		<.002			
Minor pyrite, po		97.5	99.0			Qtz < 1% . Light grey phyllite matrix.		²³ 422		.015			
Pyrite, po Minor sericite		99.0	100.5			Qtz < 1% . Phyllite matrix contains numerous blebs of sulfide.		²³ 423		.018			
2% pyrite, po		100.5	102.0		QVZ 20	Grey phyllite, as well as Qtz contain sulfides. Minor brecciated Qtz/carb.		²³ 424		.004			
Minor pyrite, po, sericite.		102.0	103.5			Qtz < 1% . Grey phyllite contains blebs of sulfide.		²³ 425		<.002			
Po, pyrite ~ 2% Minor sericite		103.5	105.0			Qtz < 1% , Homogenous grey phyllite matrix.		²³ 426		.004			
Minor chl, sericite, pyrite, po. Tr. pyrite, po		105.0	106.5			Qtz < 1% . Grey phyllite contains blebs of po, pyrite.		²³ 427		.005			
Minor pyrite, po		106.5	108.0		QVZ 02	Light grey phyllite matrix.		²³ 428		.004			
Minor sericite, MINOR pyrite, po		108.0	109.5			Qtz < 1% . sample consists primarily of unoxidized grey phyllite.		²³ 429		.004			
		109.5	111.0		QVZ 15	grey phyllite contains minor sulfides.		²³ 430		.005			
		111.0	112.5		QVZ 05	grey phyllite w/ minor sulfides dissemin- ated throughout.		²³ 431		.009			

20547 Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASERGOLD

HOLE No. R90-129

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 148.5 m
 % Recovery
 Elev. Collar 1533.6 m
 Latitude -132.522
 Departure 5228.714

Sheet No 1 of 7
 Logged by R. Montgomery
 Date Begun Aug 14/90
 Date Finished AUGUST 15, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME BC		Other A		
									Au	oz/tm		MAU	
		0	18.3	OVB									
-		18.3	19.5	KP		Qtz < 1%. Grey phyllite with ~ 4% siderite.		23 440		<.002			
-		19.5	21.0			Homogenous grey phyllite, ~ 1% siderite		23 441		<.002			
Tr. pyrite, po		21.0	22.5		-	grey phyllite w/ minor siderite/Limonite		23 442		<.002			
Tr. pyrite, po		22.5	24.0			Grey limonitic/sideritic phyllite		23 443		<.002			
Pyrite, po (pyrite is strongly oxidized).		24.0	25.5			Qtz < 1%. Grey phyllite, minor siderite/Limonite		23 444		<.002			
		25.5	27.0			Qtz < 1%. Grey phyllite w/ siderite & Limonite.		23 445		<.002			
Minor pyrite, po		27.0	28.5		QVZ 03	Minor brecciated qtz/carb. Grey phyllite w/ trace siderite/Limonite		23 446		<.002			
		28.5	30.0			Qtz < 1%, Homogenous grey phyllite.		23 447		<.002			
-		30.0	31.5			Qtz < 1%. Homogenous grey phyllite.		23 448		<.002			
Tr. pyrite, po		31.5	33.0		-	Homogenous grey phyllite.		23 449		<.002			
Minor pyrite, po		33.0	34.5		-	Grey phyllite w/ minor siderite/Limonite.		23 450		<.002			
		34.5	36.0		QVZ 03	Qtz; mainly cloudy white, some brecciated w/carb.		23 451		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-129

 SHEET No. 2 of 7

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
Tr. pyrite, po. Tr sericite		36.0	37.5	KP	QVZ 03	A few large clasts of Qtz/carb occur. Grey phyllite w/ trace limonite.		23 452		.006			
Tr. sericite		37.5	39.0		QVZ 05	Grey phyllite w/ minor limonite.		23 453		.011			
-		39.0	40.5			Qtz < 1%. Grey phyllite w/ ~ 1% siderite		23 454		<.002			
-		40.5	42.0			Qtz < 1%. Homogenous grey phyllite, trace siderite.		23 455		<.002			
Tr chl. Tr pyrite, po.		42.0	43.5			Qtz < 1%. Grey phyllite w/ minor Limonite/siderite.		23 456		.003			
Pyrite, po. TRACE sericite.		43.5	45.0		QVZ 05	Grey siderite, minor Limonite/siderite.		23 457		.007			
Tr sericite, pyrite, po.		45.0	46.5		QVZ 25	Minor brecciated Qtz/carb. Grey phyllite with minor Limonite/siderite.		23 458		.021			
* Gold * . Minor pyrite, po. chl.		46.5	48.0		QVZ 05	Minor brecciated Qtz/carb. Grey phyllite w/ minor siderite.		23 459		.138			
		48.0	49.5		-	Homogenous grey phyllite w/ tr. siderite/Limonite.		23 460		.004			
tr. pyrite, po		49.5	51.0		-	Homogenous grey phyllite, tr. pyrite/po.		23 461		<.002			
tr. pyrite, po		51.0	52.5			Qtz < 1%. Grey phyllite with minor siderite/Limonite.		23 462		<.002			
Minor chl, pyrite, po		52.5	54.0		QVZ 03	grey phyllite matrix, tr. siderite.		23 463		<.002			
		54.0	55.5		QVZ 03	Minor brecciated Qtz/carb. Grey Limonite phyllite		23 464		.011			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-129

 SHEET No. 3 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
-		55.5	57.0	KP	QVZ 01	Homogenous grey phyllite w/ minor siderite/Limonite.		²³ 465		.002			
-		57.0	58.5			Qtz < 1%. Homogenous grey phyllite w/ trace siderite-Limonite.		²³ 466		<.002			
-		58.5	60.0		-	Homogenous grey phyllite, minor siderite/Limonite.		²³ 467		<.002			
-		60.0	61.5		QVZ 01	Limonitic grey phyllite		²³ 468		<.002			
-		61.5	63.0		-	Homogenous grey phyllite w/siderite-Limonite.		²³ 469		<.002			
TR. pyrite, po		63.0	64.5			Qtz < 1%. Grey phyllite w/minor siderite/Limonite.		²³ 470		<.002			
		64.5	66.0			Qtz < 1%. Homogenous grey phyllite w/ minor siderite/Limonite.		²³ 471		<.002			
TR. pyrite, po		66.0	67.5			Homogenous grey phyllite w/minor siderite/Limonite.		²³ 472		.004			
2% pyrite, po TR. sericite		67.5	69.0		QVZ 01	Grey phyllite contains numerous blebs of pyrite & po.		²³ 473		.009			
TR. pyrite, po.		69.0	70.5		QVZ 05	qtz mainly cloudy, some brecciated w/ carb.		²³ 474		.009			
TR. pyrite, po		70.5	72.0		QVZ 01	Minor brecciated qtz/carb. Grey phyllite contains minor siderite.		²³ 475		.008			
Minor py, po, chl.		72.0	73.5			Grey Limonitic phyllite.		²³ 476		<.002			
-		73.5	75.0			Qtz < 1%. Homogenous grey phyllite, trace limonite.		²³ 477		.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-129

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
Minor pyrite, po		75.0	76.5	KP	-	Homogenous grey phyllite w/ minor siderite / Limonite.		23 478		<.002			
Tr. pyrite, po		76.5	78.0			Qtz < 1%. Grey phyllite w/ 1% siderite.		23 479		<.002			
Minor sericite, pyrite, po		78.0	79.5			Qtz < 1%. Minor brecciated Qtz/carb. Grey phyllite w/ minor siderite.		23 480		.003			
Tr. pyrite, po		79.5	81.0		-	Homogenous grey phyllite w/ minor siderite		23 481		<.002			
Tr. chl		81.0	82.5			Qtz < 1%. Grey phyllite matrix ~ 1% siderite.		23 482		<.002			
-		82.5	84.0		-	Qtz < 1%, Homogenous grey phyllite, minor Limonite / siderite.		23 483		<.002			
Minor pyrite, po		84.0	85.5			Qtz < 1%. Sulfides occur as blebs in grey phyllite.		23 484		.003			
Tr. chl, pyrite, po		85.5	87.0		-	Grey phyllite.		23 485		.006			
Pyrite, po, MINOR chl.		87.0	88.5		QUZ 02	Sulfides occur as blebs within grey phyllite		23 486		.011			
Minor sericite. Trace pyrite, po		88.5	90.0			Qtz < 1%. Grey phyllite matrix.		23 487		.006			
Tr. sericite, pyrite, po		90.0	91.5		QUZ 20	Homogenous grey phyllite matrix.		23 488		.003			
Sericite, Minor pyrite, po.		91.5	93.0		QUZ 07	Grey phyllite contains minor limonite.		23 489		.005			
Minor sericite, pyrite, po.		93.0	94.5		QUZ 10	Light grey phyllite matrix.		23 490		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-129

 SHEET No. 5 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
-		94.5	96.0	KP	QVZ02	Qtz mainly cloudy white. Homogenous grey phyllite matrix TR Limonite.		23 491		.015			
TR. pyrite, po.		96.0	97.5			Qtz < 1%. Homogenous grey phyllite w/ minor sulfides.		23 492		.003			
Minor Sericite.		97.5	99.0		QVZ20	qtz primarily cloudy white.		23 493		.012			
Minor pyrite, po		99.0	100.5	~10% calc. sed.	-	grey phyllite contains minor sulfide blebs.		23 494		.013			
-		100.5	102.0	Tr. calc. sed.		Qtz < 1%. Homogenous grey phyllite matrix.		23 495		.031			
-		102.0	103.5	~5% calc. sed.	QVZ02	Grey phyllite matrix, minor siderite.		23 496		.007			
TR. sericite.		103.5	105.0		QVZ01	Grey sideritic phyllite. Minor brecciated qtz/carb.		23 497		.012			
TR. pyrite, po		105.0	106.5		QVZ01	Homogenous grey phyllite.		23 498		<.002			
Sericite, pyrite, po		106.5	108.0		QVZ03	Qtz mainly cloudy white, some brecciated w/ carb.		23 499		.007			
		108.0	109.5	Tr calc. sed.		Qtz < 1%. Homogenous grey phyllite, tr. siderite.		23 500		<.002			
Minor sericite, chl, pyrite, po.		109.5	111.0		QVZ10	Light grey phyllite.		23 501		<.002			
TR. chl.		111.0	112.5			Qtz < 1%. Grey phyllite w/ minor siderite / Limonite.		23 502		.004			
TR. pyrite, po		112.5	114.0		-	Minor sulfides disseminated throughout phyllite		23 503		.018			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-129

 SHEET No. 6 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2'	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAU	Other A		
TR. pyrite, po		114.0	115.5	KP		Qtz < 1%, Grey phyllite w/ minor sulfide disseminated throughout.		23 504		<.002			
TR. pyrite, po		115.5	117.0	-		Homogenous grey phyllite.		23 505		.006			
TR. pyrite, po		117.0	118.5	-		Homogenous grey phyllite.		23 506		<.002			
-		118.5	120.0	-		Homogenous grey phyllite		23 507		<.002			
-		120.0	121.5	-		Homogenous grey phyllite		23 508		<.002			
		121.5	123.0			Qtz < 1%, Homogenous grey phyllite.		23 509		.004			
TR. pyrite, po		123.0	124.5			Qtz < 1% Grey phyllite w/ minor disseminated sulfides.		23 510		.007			
TR. pyrite, po		124.5	126.0	-		Grey phyllite.		23 511		<.002			
TR. pyrite, po		126.0	127.0	-		Grey phyllite.		23 512		.003			
TR. pyrite, po, sericite		127.5	129.0		QVZ 01	sulfides disseminated throughout grey phyllite.		23 513		.028			
Minor pyrite, po, sericite		129.0	130.5		QVZ 25	Grey phyllite.		23 514		.009			
TR. pyrite, po		130.5	132.0		QVZ 10	5% siderite. Minor brecciated Qtz/carb.		23 515		.003			
2% pyrite, po Minor sericite.		132.0	133.5		QVZ 15	Grey phyllite w/ minor limonite		23 516		<.002			

DIAMOND DRILL RECORD

20547 Part 2
of 3

PROPERTY FRASERGOLD

HOLE No. R90-130

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -55°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 90.0 m
 % Recovery
 Elev. Collar 1510.9 m
 Latitude -291.245
 Departure 6069.706

Sheet No 1 of 3
 Logged by J. Kerr
 Date Begun Aug 15/90
 Date Finished Aug 16/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		0	33.5	QVB									
TR sericite, pyrite, po		33.5	34.5	KP		Qtz <1%. Grey phyllite w/minor Limonite siderite. Sulfides finely disseminated through phyllite		23527		.004			
TR pyrite, po		34.5	36.0			Qtz <1%. Grey phyllite w/tr. Limonite.		23528		<.002			
-		36.0	37.5	QVZ 01		Minor brecciated Qtz/carb. Grey limonitic phyllite, minor siderite.		23529		.003			
TR sericite, pyrite, po		37.5	39.0	QVZ 15		Qtz primarily cloudy white. Light grey phyllite.		23530		<.002			
Minor pyrite, po		39.0	40.5	QVZ 05		A few brecciated Qtz/carb clasts occur.		23531		<.002			
TR pyrite, po. Minor sericite		40.5	42.0	QVZ 01		Grey phyllite exhibits minor silicification.		23532		.012			
TR py po.		42.0	43.5	QVZ 02				23533		.005			
		43.5	45.0	TR		Grey phyllite		23534		.003			
TR py po.		45.0	46.5	QVZ 05		Siderite w Qtz		23535		.005			
		46.5	48.0	TR				23536		<.002			
py on cleavage.		48.0	49.5	TR		H ₂ S smell		23537		.007			
		49.5	51.0	TR				23538		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-130

 SHEET No. 2 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		51.0	52.5		Tr			23539		<.002			
Minor oxidation		52.5	54.0		Qtz 01			23540		<.002			
Py & po in gtz.		54.0	55.5		Qtz 02	Siderite & carbonaceous in gtz.		23541		.015	.008		
		55.5	57.0		Tr			23542		.018	.029		
Minor py & po.		57.0	58.5		Tr			23543		.014	.016		
oxidized (minor).		58.5	60.0		Qtz 01	sideritic gtz.		23544		.025	.026		
1-3% py po.		60.0	61.5		Qtz 02	sid. gtz. w py po calc x's.		23545		.029	.017		
		61.5	63.0		Qtz 02	Clear gtz - no sid. observed.		23546		.009	.016		
Minor oxid ⁿ		63.0	64.5		Tr			23547		.038	.020		
Py po on phyllite		64.5	66.0		Qtz 05	Clear gtz		23548		.052	.049		
mic. oxid ⁿ		66.0	67.5		Qtz 03	" "		23549		.006	.010		
mic. oxid ⁿ		67.5	69.0		Tr			23550		<.002			
		69.0	70.5		/			23551		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-130

 SHEET No. 3 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	AU	MAU	Other A
		70.5	72.0		/			23552		<.002			
<i>pyr. in phyllite</i>		72.0	73.5		/			23553		<.002			
<i>lim. sulphides</i>		73.5	75.0		Tr			23554		<.002			
		75.0	76.5		/			23555		<.002			
		76.5	78.0		Qtz A	<i>Minor siderite</i>		23556		<.002			
<i>Tr. sulphides</i>		78.0	79.5		Tr			23557		<.002			
<i>pyr. in gtz.</i>		79.5	81.0		Qtz B5	<i>sideritic & clear gtz. Minor sulphides & sericite</i>		23558		.010			
		81.0	82.5					23559		.019			
<i>pyr. in gtz.</i>		82.5	84.0		Qtz B5	<i>sideritic, cloudy gtz.</i>		23560		<.002			
		84.0	85.5		Tr			23561		<.002			
		85.5	87.0		Tr			23562		<.002			
<i>Tr. pyr. in gtz.</i>		87.0	88.5		/			23563		<.002			
		88.5	90.0		Qtz 10	<i>Cloudy siderite gtz.</i>		23564		<.002			
<i>pyr.</i>					Qtz 07								

90.0
END OF HOLE.

DIAMOND DRILL RECORD

20547 Part 2
of 3

PROPERTY FRASER GOLD

HOLE No. R90-131

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -55°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 52.0m
 % Recovery
 Elev. Collar 1514.7m
 Latitude -308.707
 Departure 6125.354

Sheet No 1 of 3
 Logged by J. Kirt
 Date Begun Aug 16/90
 Date Finished Aug 17/90
 Core Stored At BASE CAMP

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM-PLÉ No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		0	10.5	Q12									
<i>py & oxidized</i>		10.5	12.0	KP	Q12 35	<i>Rusty, sideritic glt.</i>		565	.003				
		12.0	13.5		Q12 10	<i>Rusty sideritic glt.</i>		566	<.002				
<i>Tr py, po</i>		13.5	15.0	5st/KP	Q12 05			567	.008				
<i>1-3% py, po.</i>		15.0	16.5		Q12 10	<i>Rusty, sideritic glt. Sulfides on phyllite</i>		568	<.002				
		16.5	18.0		Q12 07	<i>Minor rusting</i>		569	<.002				
		18.0	19.5		Q12 10			570	<.002				
		19.5	21.0		Tr	<i>Minor rusting of knots.</i>		571	<.002				
<i>Tr py, po.</i>		21.0	22.5		Q12 07			572	.005				
		22.5	24.0		Q12 02	<i>Rusty sideritic glt.</i>		573	.007				
		24.0	25.5		Tr			574	<.002				
		25.5	27.0			<i>Minor oxidation</i>		575	<.002				
		27.0	28.5		Q12 01			576	.003	.007			

DIAMOND DRILL RECORD

PROPERTY _____

 HOLE No. R 90-131

 SHEET No. 2 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	Ag	MAu	Other A	
<i>Tr py, po.</i>		28.5	30.0		Qtz cl	<i>Rusty & oxidized</i>		577		.006	.005		
		30.0	31.5		Tr			578		.005	.005		
		31.5	33.0		—			579		.003	.004		
<i>Tr py, po.</i>		33.0	34.5		Tr			580		.011	.010		
		34.5	36.0		<i>KP/BAP?</i>	<i>Possibly some graphitic BAP.</i>		581		.164	.300		
		36.0	37.5		Qtz 03	<i>Sideritic gtz.</i>		582		.005	.009		
<i>1-2% py po.</i>		37.5	39.0		Qtz 05	<i>Sideritic gtz with sulphides</i>		583		.003	.004		
		39.0	40.5		Qtz 01			584		<.002	<.002		
		40.5	42.0		Qtz 10	<i>Clear gtz.</i>		585		<.002	.005		
<i>3% py, po, cpy?</i>		42.0	43.5		Qtz 60	<i>Sideritic gtz sulphides</i>		586		.008	.017		
<i>Tr py po</i>		43.5	45.0		Qtz 05			587		.006	.012		
		45.0	46.5		Tr			588		.009	.012		
<i>Tr py po.</i>		46.5	48.0		Qtz 01			589		.004	.005		

DIAMOND DRILL RECORD

20547

Part 2 of 2

 PROPERTY Frasergold

 HOLE No. R90-132

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing.....

 Total Depth 75.0-
 % Recovery.....
 Elev. Collar 1512.4 m
 Latitude -335.752
 Departure 6226.826

 Sheet No 1 of 4
 Logged by J. Hill
 Date Begun Aug. 12, 1990
 Date Finished Aug. 18, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	Cu	MAu	Other A		
		0	12.0	OVB										
<i>Tr py (leached)</i>		12.0	13.5	KP	Qtz20	<i>Residual, sideritic glz leached sulfides</i>		593		<.002				
		13.5	15.0		Qtz05	<i>Sideritic glz</i>		594		<.002				
<i>1-2% pyrite (cubes)</i>		15.0	16.5		Qtz02	<i>siderite</i>		595		<.002				
		16.5	18.0		Tr			596		<.002				
		18.0	19.5		Qtz03	<i>Minor oxidation</i>		597		<.002				
<i>Tr py</i>		19.5	21.0		Qtz05	<i>Clear glz</i>		598		<.002				
<i>f. graind pyrite</i>		21.0	22.5		Qtz03	<i>sideritic glz</i>		599		.003				
		22.5	24.0					600		<.002				
		24.0	25.5		Tr			601		<.002				
<i>Tr py</i>		25.5	27.0					602		<.002				
		27.0	28.5		Qtz01	<i>Minor oxidation</i>		603		<.002				
		28.5	30.0		Tr			604		<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-132

 SHEET No. 2 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	RE	Au	MAu	Other A
		30.0	31.5		QTZ 07	Minor oxidation, sideritic gtz		23 605		.003			
		31.5	33.0		QTZ 02			606		.005			
Tr py		33.0	34.5		QTZ 05	Sideritic gtz		607		.005			
1-2% py. po.		34.5	36.0		QTZ 05	Sideritic gtz.		608		.003			
		36.0	37.5		/	H ₂ S smell.		609		.010			
		37.5	39.0		Tr.			610		<.002			
Tr py po.		39.0	40.5		QTZ 03	Sideritic gtz		611		.016			
		40.5	42.0		QTZ 01			612		.003			
Py. po (1%).		42.0	43.5		QTZ 01	Sulphides & siderite in gtz		613		<.002			
		43.5	45.0		QTZ 05	Sideritic gtz		614		<.002			
		45.0	46.5		QTZ 10	Sideritic gtz sulphides		615		<.002			
		46.5	48.0		QTZ 02	Sideritic gtz (hi content)		616		<.002			
1% py. po.		48.0	49.5		QTZ 03	Sideritic & pyrite rich gtz.		617		.003			

DIAMOND DRILL RECORD

PROPERTY

FRASERGOLD

HOLE No.

R 90-132

SHEET No.

3 of 4

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						ME	BC	MAU	Other A
1% pyr. minor po.		49.5	51.0	KP	Qtz 02	Sideritic gte.		618		.003		
1-2% pyr.		51.0	52.5		Qtz 01	High content siderite in gte.		619		<.002		
		52.5	54.0		/	H ₂ S smell		620		<.002		
		54.0	55.5		Tr gte.			621		<.002		
		55.5	57.0		Qtz 01	Sideritic		622		.005		
2% pyr. minor po.		57.0	58.5		Qtz 10	Sideritic & pyritic gte. some calc. xls.		623		.004		
		58.5	60.0		Tr gte.			624		.055		
		60.0	61.5		Qtz 02			625		.005		
		61.5	63.0		Tr.			626		<.002		
Tr pyr. po.		63.0	64.5		Qtz 05	Sideritic gte. minor pyrite		627		.003		
		64.5	66.0		Qtz 02			628		.004		
		66.0	67.5		/			629		<.002		
		67.5	69.0		Qtz 01			630		<.002		

20547 Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. R90-133

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -50°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 100.5 m
 % Recovery
 Elev. Collar 1501.6 m
 Latitude -374.439
 Departure 6290.610

Sheet No 1 of 5
 Logged by M. SCHAFFEN
 Date Begun AUGUST 19, 1990
 Date Finished AUGUST 21, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A		
		0	6.5	OVB									
TR PY		6.5	7.5	KP	QTZ 3	- LIMONITIC QTZ		23635	.003				
		7.5	9.0		QTZ TR	= TR LIMONITIC		23636	.004				
		9.0	10.5		QTZ TR	- TR LIMONITIC		23637	<.002				
		10.5	12.0		QTZ 3	- LIMONITIC QTZ WITH TR CARBONATE/SERICITE		23638	<.002				
		12.0	13.5		QTZ 1	- QTZ LOCALLY LIMONITIC		23639	<.002				
TR PY		13.5	15.0		QTZ 5	- QTZ TR LIMONITIC WITH TR CARBONATE/SERICITE/CHLORITE?		23640	<.002				
		15.0	16.5		QTZ TR	- SERICITIC COATING ON QTZ		23641	<.002				
TR PY		16.5	18.0		QTZ 7	- LOCALLY SIDERITIC QTZ		23642	.012				
		18.0	19.5		QTZ 4	- CUTTINGS TR LIMONITIC		23643	<.002				
TR PY		19.5	21.0		QTZ 3	- LOCALLY QTZ WITH PY ALONG SERVAGE		23644	<.002				
TR PY		21.0	22.5		QTZ 7	- QTZ TR SIDERITIC/SERICITIC; CUTTINGS TR LIMONITIC; H ₂ S SMALL		23645	<.002				
		22.5	24.0		QTZ 2	- QTZ TR SIDERITIC		23646					

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-133

 SHEET No. 2 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
TR P4		24.0	25.5		QTZ 15	- QTZ TR SIDERITIC		23647	<.002				
		25.5	27.0		QTZ 9			23648	<.002				
TR P4		27.0	28.5		QTZ 7	- LOCALLY QTZ WITH CARBONATE (SIDERITE) CLASTS		23649	.007				
TR P4		28.5	30.0		QTZ 7	- SAME AS ABOVE		23650	.008				
1% P4		30.0	31.5		QTZ 5	- QTZ WITH CARBONATE, SERICITE, CHLORITE		23651	<.002				
TR-1% P4		31.5	33.0		QTZ 5	- SAME AS ABOVE		23652	<.002				
TR P4		33.0	34.5		QTZ 3	- QTZ WITH CARBONATE, TR SERICITE/ CHLORITE; LOCALLY LIMONITIC		23653	<.002				
TR P4		34.5	36.0		QTZ 1	- QTZ TR SIDERITIC/SERICITIC		23654	<.002				
TR P4		36.0	37.5		QTZ 3	- SAME AS ABOVE, TR RUSTY		23655	.004				
TR P4		37.5	39.0		QTZ 3	- QTZ TR SIDERITIC/SERICITIC		23656	<.002				
		39.0	40.5		QTZ 2	- SAME AS ABOVE		23657	<.002				
TR P4		40.5	42.0		—	- TR LIMONITIC		23658	<.002				
TR P4		42.0	43.5		—	- TR RUSTY		23659	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-133

 SHEET No. 3 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	AG	MAu	Other A
TR P ₄		43.5	45.0		QTZ 4	- QTZ TR SIDERITIC/SERICITIC, WEAK H ₂ S SMELL		23660	<.002				
TR-1% P ₄		45.0	46.5		QTZ 10	- TR RUSTY, QTZ WITH SIDERITE/SERICITE		23661	.005				
TR-1% P ₄		46.5	48.0		QTZ TR	- QTZ WITH TR SIDERITE/SERICITE		23662	.003				
		48.0	49.5		/	- WEAK H ₂ S SMELL		23663	.004				
TR P ₄		49.5	51.0		/	- TR RUSTY/LIMONITIC		23664	<.002				
		51.0	52.5		QTZ TR	- RUSTY/LIMONITIC LOCALLY		23665	<.002				
		52.5	54.0		/	- TR RUSTY, LOCALLY SEAMED BY GRAPHITE; H ₂ S SMELL		23666	<.002				
TR-1 1/2 P ₄ , TR P ₀		54.0	55.5		QTZ 3	- QTZ WITH TR SIDERITE/SERICITE		23667	<.002				
TR P ₄ , LOCALLY OXIDIZED		55.5	57.0		QTZ TR	- RUSTY/LIMONITIC		23668	.025				
TR OXIDIZED P ₄		57.0	58.5		QTZ 2	- TR RUSTY; QTZ TR SIDERITIC/SERICITIC/ LIMONITIC		23669	.032				
TR-1% P ₄ , P ₀		58.5	60.0		QTZ 3	- QTZ TR SIDERITIC/SERICITIC; CLUSTERS LOCALLY GRAPHITIC		23670	.004				
TR DISS P ₄		60.0	61.5		/			23671	<.002				
TR DISS P ₄		61.5	63.0		/			23672	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-133

 SHEET No. 4 of 5

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						Au	Me	BC	MAu	Other A
TR DISS PY, TR PO		63.0	64.5		QTZ TR	- TR RUSTY		23673	<.002				
TR-1/4 PY, TR PO		64.5	66.0		QTZ 15	- QTZ WITH SIDERITE/SERICITE / PY		23674	<.002				
TR PY		66.0	67.5		QTZ 3	- QTZ TR SIDERITE/SERICITE		23675	<.002				
TR PY, PO		67.5	69.0		QTZ 20	- QTZ TR SIDERITE/SERICITE; ^{LIMONITE} LOCALLY RUSTY/LIMONITE		23676	<.002				
TR PY, PO		69.0	70.5		QTZ TR			23677	.009				
TR PY AS STRINGERS/BLEBS		70.5	72.0		QTZ TR			23678	.003				
TR DISS PY		72.0	73.5		QTZ 2	- QTZ TR SIDERITE/SERICITE		23679	<.002				
TR DISS PY		73.5	75.0		—			23680	<.002				
		75.0	76.5		—			23681	.003				
TR PY, PO AS BLEBS		76.5	78.0		QTZ 10	- QTZ TR SIDERITE/LIMONITE; PHYLITE TR RUSTY		23682	.009				
TR DISS PY		78.0	79.5		QTZ 1	- QTZ TR SIDERITE/LIMONITE		23683	.009				
TR DISS + SPRINGER PY		79.5	81.0	KP/CP	QTZ 2	- H ₂ S SMELL		23684	.004				
		81.0	82.5		QTZ TR	- H ₂ S SMELL; QTZ WITH TR SERICITE		23685	.003				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-133

 SHEET No. 5 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	BL
TR P4, P0		82.5	84.0		QTZ 2	- QTZ TR SIDERITIC/LIMONITE/RUSTY		23686	.003			
TR-1% P4 AS BLEBS		84.0	85.5		QTZ 10	- QTZ TR SIDERITIC/SERICITE/LIMONITE		23687	<.002			
TR P4 AS BLEBS		85.5	87.0		QTZ 20	- QTZ WITH SERICITE, TR SIDERITE		23688	<.002			
		87.0	88.5		QTZ 4	- TR RUSTY		23689	.003			
		88.5	90.0	KP	QTZ 1	- QTZ TR SIDERITIC/RUSTY		23690	.024			
TR P4		90.0	91.5		QTZ 3	- QTZ TR SIDERITIC		23691	.013			
		91.5	93.0		QTZ 3	- QTZ SIDERITIC, TR SERICITE		23692	<.002			
		93.0	94.5		/			23693	<.002			
TR DIS P4		94.5	96.0		QTZ TR			23694	<.002			
1-2% P4, TR P0		96.0	97.5		QTZ 25	- QTZ WITH SIDERITE/SERICITE, TR CHLORITE; PHYLITE TR CALCAREOUS		23695	.004			
TR P4		97.5	99.0		QTZ TR	- TR SILICEOUS MICRO-STRINGERS		23696	<.002			
TR P4		99.0	100.5		QTZ 2	- QTZ WITH TR P4		23697	<.002			
					<u>100.5 m EOH</u>							

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. R90-134

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

 Total Depth 109.5m
 % Recovery
 Elev. Collar 1496.1m
 Latitude -381.357
 Departure 6349.409

 Sheet No 1 of 6
 Logged by M. SCHAFFEN
 Date Begun AUGUST 21, 1990
 Date Finished AUGUST 22, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						FA		MAu	Other A	
									Au	BC			
		0	10.5	OV6									
TR 1% P ₄ , PO AS BLEBS		10.5	12.0	KP	QTZ 30	- QTZ WITH SIDERITE/SERICITE; PHYLITE AND QTZ LIMONITE, TR RUSTY		23698	.159				
		12.0	13.5		QTZ 1	-TR LIMONITE/RUSTY; QTZ WITH SIDERITE/SERICITE		23699	.013				
TR DISS P ₄		13.5	15.0		QTZ TR	-SIDERITE/SERICITE QTZ		23700	.003				
TR DISS P ₄		15.0	16.5		QTZ 1	-TR RUSTY; QTZ WITH TR SIDERITE/SERICITE		23701	<.002				
TR DISS & BLEBS OF P ₄ , TR PO		16.5	18.0		QTZ TR			23702	<.002				
TR P ₄ , PO AS BLEBS		18.0	19.5		QTZ 9	-TR RUSTY; QTZ WITH SIDERITE/SERICITE TR CHLORITE		23703	.014				
		19.5	21.0		QTZ 7	-QTZ WITH TR SIDERITE/SERICITE		23704	<.002				
TR P ₄ , PO		21.0	22.5		QTZ 4	-TR RUSTY; TR SIDERITE QTZ		23705	.013				
1-2% P ₄ , PO		22.5	24.0		QTZ 20	-QTZ WITH SIDERITE/SERICITE/CHLORITE; TR LIMONITE		23706	.020				
UG?; 1% P ₄ , PO		24.0	25.5		QTZ 20	-SAME AS ABOVE; TR RUSTY		23707	.004				
TR P ₄ , PO		25.5	27.0		QTZ 5	-QTZ WITH SIDERITE/SERICITE; LOCALLY SILICEOUS CUTTINGS		23708	<.002				
TR P ₄ , PO		27.0	28.5		QTZ 3	-SAME AS ABOVE; TR RUSTY		23709	.006				

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-134

 SHEET No. 2 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FR ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
		28.5	30.0		QTZ TR	- TR LIMONITIC AND RUSTY		23710		<.002			
TR PY, PO		30.0	31.5		QTZ 10	- QTZ WITH SIDERITE/SERICITE, TR LIMONITIC/RUSTY		23711		<.002			
		31.5	33.0		QTZ TR			23712		.003			
TR PY AS STRINGERS 4 DISS		33.0	34.5		QTZ 1	- TR LIMONITIC		23713		.020			
TR PY, PO		34.5	36.0		QTZ 13	- QTZ WITH TR SIDERITE		23714		.003			
TR PY, PO		36.0	37.5		QTZ B	- QTZ WITH SIDERITE/SERICITE		23715		<.002			
1/2 PY, PO		37.5	39.0		QTZ 17	- SAME AS ABOVE		23716		.027			
TR PY		39.0	40.5		QTZ 1	- QTZ WITH TR SIDERITE; LOCALLY CUTTINGS RUSTY		23717		.004			
TR DISS PY		40.5	42.0		/			23718		<.002			
TR DISS PY		42.0	43.5		/			23719		<.002			
TR PY, PO		43.5	45.0		QTZ 1	- QTZ WITH TR SIDERITE		23720		.012			
TR DISS PY		45.0	46.5		/	- TR RUSTY		23721		.005			
TR PY		46.5	48.0		QTZ 1	- TR LIMONITIC; QTZ WITH TR SIDERITE/LIMONITE		23722		.003			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-134

 SHEET No. 3 of 6

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						MG Au	GC	MAU	Other A	
TR P4		48.0	49.5		QTZ TR	- TR LIMONITIC ; TR GREY LIMST		23723		.003			
		49.5	51.0		/			23724		.003			
TR P4		51.0	52.5		/			23725		<.002			
TR P4, P0		52.5	54.0		QTZ 3	- QTZ WITH TR SIDERITE		23726		.013			
TR DISS P4		54.0	55.5		QTZ 1	- TR RUSTY		23727		.007			
TR DISS P4		55.5	57.0		QTZ 2	- QTZ WITH TR SIDERITE		23728		<.002			
TR P4, P0		57.0	58.5		QTZ 7	- SAME AS ABOVE ; RUSTY AND LIMONITIC		23729		.004			
TR P4		58.5	60.0		QTZ 4	- QTZ WITH TR SIDERITE / LIMONITE		23730		<.002			
TR CP4, TR P4		60.0	61.5		QTZ 2	- TR RUSTY		23731		<.002			
TR P4, P0		61.5	63.0		QTZ 3	- QTZ WITH SIDERITE / TR SERICITE		23732		.019			
YG? / CP4?, TR P4		63.0	64.5		QTZ 20	- QTZ WITH SIDERITE / SERICITE		23733		.017			
TR P4, P0		64.5	66.0		QTZ 10	- SAME AS ABOVE ; TR CALCAREOUS		23734		.015			
TR P4		66.0	67.5		QTZ 1	- TR CALCAREOUS		23735		.005			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-134

 SHEET No. 4 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	AU	MAU	Other A
TR P4		67.5	69.0		QTZ 1		23736		.004				
TR P4, P0		69.0	70.5		QTZ 1		23737		<.002				
V6?/CP4?, TR P4, P0		70.5	72.0		QTZ 7	- QTZ WITH SIDERITE/SERICITE	23738		<.002				
TR P4, P0		72.0	73.5		QTZ 20	- QTZ WITH SIDERITE/SERICITE/TR CHLORITE	23739		.005				
TR-1% P4, P0		73.5	75.0		QTZ 20	- QTZ WITH SIDERITE/SERICITE	23740		.011				
TR P4		75.0	76.5		QTZ 1	- SAME AS ABOVE	23741		<.002				
TR-1% P4, P0		76.5	78.0		QTZ 15	- QTZ WITH SIDERITE/SERICITE	23742		.015				
V6, TR-1% P4, P0		78.0	79.5		QTZ 20	- QTZ WITH SIDERITE/SERICITE	23743		.012				
TR-1% P4, P0		79.5	81.0		QTZ 12	- SAME AS ABOVE; TR LIMONITIC/MASSIVE	23744		.004				
TR-1% P4, P0		81.0	82.5		QTZ 10	- SAME AS ABOVE; TR CHLORITE	23745		.007				
TR P4, P0		82.5	84.0		QTZ TR		23746		.005				
TR P4, P0		84.0	85.5		QTZ 6	- QTZ WITH TR SIDERITE/SERICITE	23747		<.002				
TR P4, P0		85.5	87.0		QTZ 5	- SAME AS ABOVE	23748		<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-134

 SHEET No. 5 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	GC	Au	MAu	Other A
		87.0	88.5		QTZ TR	- TR RUSTY		23749		<.002			
TR P ₄ , P ₀		88.5	90.0		QTZ 4	- QTZ WITH TR SIDERITE/SERICITE		23750		.003			
1/4, TR P ₄ , P ₀		90.0	91.5		QTZ 3	- 1/4 PROXIMAL TO P ₄ & P ₀ WITHIN QTZ		23751		.009			
TR P ₄ , P ₀		91.5	93.0		QTZ 25	- QTZ WITH SIDERITE/SERICITE		23752		.009			
TR P ₄ , P ₀		93.0	94.5		QTZ 5	- SAME AS ABOVE		23753		.005			
TR DISS P ₄		94.5	96.0		QTZ TR			23754		<.002			
TR DISS P ₄		96.0	97.5		QTZ 1			23755		<.002			
1/6 P ₄ , P ₀		97.5	99.0		QTZ 20	- QTZ WITH TR SIDERITE/SERICITE/ LIMONITE		23756		<.002			
TR P ₄ , P ₀ , CP		99.0	100.5		QTZ 5	- SAME AS ABOVE; TR RUSTY		23757		<.002			
TR - 1/6 P ₄ , P ₀		100.5	102.0		QTZ 5	- QTZ WITH TR SIDERITE/SERICITE		23758		<.002			
TR P ₄ , P ₀		102.0	103.5		QTZ 5	- SAME AS ABOVE		23759		<.002			
TR P ₄		103.5	105.0	CP	QTZ 3	- CALCAREOUS, TR GRAPHIC		23760		<.002			
1/6 P ₄		105.0	106.5		QTZ 5	- TR SIDERITE/SERICITE QTZ; TR RUSTY		23761		<.002			

DIAMOND DRILL RECORD

20547 Part 2 of 3

PROPERTY FRASER GOLD

HOLE No. R90-135

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -55°
 Claim.....
 Section.....
 Bearing 075°

Total Depth 136.5 m
 % Recovery.....
 Elev. Collar 1496.0 m
 Latitude -38.769
 Departure 6352.274

Sheet No 1 of 7
 Logged by M. SCHARTEN
 Date Begun AUGUST 23, 1990
 Date Finished AUGUST 23, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
		0	12.2	OVB									
		12.2	13.5		QTZ 5	- RUSTY, LIMONITIC		23764		.007			
TR PY		13.5	15.0		QTZ 1	- RUSTY, LIMONITIC		23765		<.002			
TR PY		15.0	16.5		QTZ 8	- LIMONITIC/RUSTY; QTZ TR SIDERITIC		23766		.004			
TR PY		16.5	18.0		QTZ 1	- TR RUSTY		23767		.004			
TR PY		18.0	19.5		QTZ 7	- TR RUSTY; QTZ TR SIDERITIC/SERICITIC		23768		.003			
1% PY		19.5	21.0		QTZ 20	- QTZ WITH SIDERITE, TR SERICITE/LIMONITE		23769		<.002			
		21.0	22.5		QTZ TR	- TR LIMONITIC/RUSTY		23770		.005			
TR-1% PY		22.5	24.0		QTZ 7	- QTZ WITH TR SIDERITE/SERICITE		23771		.006			
TR PY		24.0	25.5		QTZ 10	- QTZ WITH SIDERITE, TR SERICITE/CHLORITE/LIMONITE		23772		.010			
1-2% PY, TR PO		25.5	27.0		QTZ 27	- QTZ WITH SIDERITE, TR SERICITE/LIMONITE		23773		.004			
TR-1% PY, PO		27.0	28.5		QTZ 4	- TR SIDERITIC QTZ		23774		.067			
TR PY		28.5	30.0		QTZ 4	- SAME AS ABOVE		23775		.006			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-135

 SHEET No. 2 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
TR P4		30.0	31.5		QTZ 4	- QTZ WITH TR SIDERITE/LIMONITE/ RUST; TR CALCAREOUS		23776	<.002				
		31.5	33.0		QTZ 1	- TR RUSTY		23777	<.002				
TR P4		33.0	34.5		QTZ 1	- RUSTY		23778	.007				
TR P4, P0		34.5	36.0		QTZ 1	- TR RUSTY		23779	.003				
TR-1% P4, P0		36.0	37.5		QTZ 12	- SIDERITIC/LIMONITIC QTZ; RUSTY, LIMONITIC		23780	<.002				
1% P4, TR P0		37.5	39.0		QTZ 20	- SAME AS ABOVE		23781	.191				
TR P4, P0		39.0	40.5		QTZ 10	- SAME AS ABOVE		23782	.025				
		40.5	42.0		/			23783	<.002				
TR P4		42.0	43.5		QTZ 3	- QTZ WITH TR SIDERITE/SERICITE; TR RUSTY/LIMONITIC		23784	.003				
TR P4		43.5	45.0		QTZ 5	- SAME AS ABOVE		23785	<.002				
		45.0	46.5	CP/KP	QTZ 1	- CP AND GRAY LMST; TR RUSTY		23786	<.002				
		46.5	48.0		/	- STRONGLY CALCAREOUS, TR RUSTY		23787	<.002				
TR P4, P0		48.0	49.5		QTZ TR			23788	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-135

 SHEET No. 3 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A		
TR P4		49.5	51.0		QTZ TR	- LOCALLY GREY LIMST		23789		.002			
TR P4		51.0	52.5		/	- SAME AS ABOVE		23790		.003			
TR P4, PO		52.5	54.0	KP	/			23791		.002			
TR P4		54.0	55.5		QTZ 2	- QTZ WITH TR SIDERITE/SERICITE		23792		.081			
TR P4		55.5	57.0		QTZ 3	- SAME AS ABOVE		23793		.301			
TR P4, PO		57.0	58.5		QTZ 7	- QTZ WITH SIDERITE/TR SERICITE		23794		.518			
TR P4, PO		58.5	60.0		QTZ 10	- SAME AS ABOVE		23795		.023			
TR P4, PO		60.0	61.5		QTZ 7	- QTZ WITH SIDERITE/TR SERICITE AND CALCITE		23796		.011			
TR P4		61.5	63.0		QTZ 5	- SAME AS ABOVE		23797		.226			
TR-1% P4, TR PO		63.0	64.5		QTZ 15	- QTZ WITH SIDERITE/SERICITE/TR LIMONITE		23798		.159			
TR P4		64.5	66.0		QTZ 15	- QTZ WITH TR SIDERITE		23799		.017			
TR P4, PO		66.0	67.5		QTZ 8	- SAME AS ABOVE; TR RUSTY		23800		.007			
TR P4, PO		67.5	69.0		QTZ 7	- QTZ WITH TR SIDERITE		23801		.008			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-135

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAU	Other A	
TR P ₄ , P ₀		69.0	70.5		QTZ 5	- QTZ WITH TR SIDERITE/SERICITE		23802	.035			
1% P ₄ , P ₀		70.5	72.0		QTZ 10	- SAME AS ABOVE		23803	.006			
TR-1% P ₄ , P ₀		72.0	73.5		QTZ 8	- SAME AS ABOVE		23804	.008			
TR P ₄		73.5	75.0		QTZ TR			23805	.015			
TR P ₄		75.0	76.5		QTZ TR			23806	.013			
TR P ₄		76.5	78.0		QTZ 8	- QTZ WITH TR SIDERITE/SERICITE		23807	.009			
TR P ₄ , P ₀		78.0	79.5		QTZ 6	- SAME AS ABOVE		23808	.003			
1% P ₄ , P ₀		79.5	81.0		QTZ 20	- QTZ WITH SIDERITE/TR SERICITE		23809	.003			
TR P ₄		81.0	82.5		QTZ 6	- QTZ WITH TR SIDERITE		23810	.009			
1-2% P ₄ , P ₀		82.5	84.0		QTZ 10	- QTZ WITH SIDERITE/TR SERICITE; TR GREY LMST		23811	.008			
TR P ₄ , P ₀		84.0	85.5		QTZ 6	- QTZ WITH TR SIDERITE/SERICITE/ CHLORITE		23812	.025			
V6?, TR P ₄ , P ₀		85.5	87.0		QTZ 5	- V6 IN QTZ SEAMED BY P ₀ AND P ₄		23813	.009			
TR P ₄ , P ₀		87.0	88.5		QTZ 3	- TR SIDERITIC QTZ		23814	.014			

DIAMOND DRILL RECORD

PROPERTY _____

FRASER GOLD

HOLE No. _____

R90-135

SHEET No. _____ of _____

5 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
TR PY, PO		88.5	90.0		QTZ 5	- TR SIDERITIC/SERICITIC QTZ		23815		.017			
1-2% PY, PO		90.0	91.5		QTZ 17	- SAME AS ABOVE		23816		.047			
TR PY, PO		91.5	93.0		QTZ 4	- QTZ WITH SIDERITE/TR SERICITE AND CHLORITE		23817		.004			
TR PY		93.0	94.5		QTZ TR			23818		<.002			
TR-1% PY, PO		94.5	96.0		QTZ 7	- QTZ WITH TR SIDERITE		23819		.020			
TR PY SMEARS		96.0	97.5		/			23820		.031			
TR PY		97.5	99.0		QTZ TR			23821		.003			
TR PY		99.0	100.5	OP/LMST	QTZ 1	- TR CALCAREOUS		23822		<.002			
TR-1% PY		100.5	102.0		QTZ 4	- TR SIDERITIC QTZ; TR CALCAREOUS		23823		<.002			
TR-1% PY		102.0	103.5		QTZ 7	- MODERATELY CALCAREOUS		23824		<.002			
1-2% PY		103.5	105.0		QTZ 10	- TR GREY LMST		23825		<.002			
TR-1% PY, TR PO		105.0	106.5		QTZ 7	- TR SIDERITIC QTZ; TR RUSTY; LMST LOCALLY		23826		<.002			
1% PY		106.5	108.0		QTZ TR	- LOCALLY GRAPHITIC		23827		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-135

 SHEET No. 6 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
1% PY		108.0	109.5		QTZ TR	- TR LIMST		23828	<.002				
1/4 PY		109.5	111.0		QTZ 3	- QTZ WITH CALCITE		23829	<.002				
1% PY		111.0	112.5		QTZ 7	- QTZ WITH TR CALCITE		23830	<.002				
1-2% PY		112.5	114.0		QTZ 7			23831	<.002				
TR-1% PY		114.0	115.5		QTZ 1	- PREDOMINANTLY KP; TR RUSTY		23832	<.002				
TR PY		115.5	117.0		QTZ 1	- TR RUSTY		23833	<.002				
TR PY		117.0	118.5		QTZ 1	- TR RUSTY		23834	<.002				
TR PY		118.5	120.0		QTZ 15	- QTZ WITH TR CALCITE		23835	<.002				
TR PY		120.0	121.5		QTZ 3			23836	<.002				
TR PY		121.5	123.0		QTZ 2	- TR LIMONITIC/RUSTY		23837	<.002				
TR PY		123.0	124.5		QTZ 2			23838	<.002				
		124.5	126.0		QTZ 3	- TR RUSTY		23839	<.002				
		126.0	127.5		QTZ 1	- TR RUSTY		23840	<.002				

20547 Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. R90-136

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -55°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 85.5 m
 % Recovery
 Elev. Collar 1529.2 m
 Latitude -352.489
 Departure 6172.342

Sheet No 1 of 5
 Logged by M. S. CAMPTON
 Date Begun AUGUST 24, 1990
 Date Finished AUGUST 25, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'M MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						FA ME BC		MAu	Other A	
		0	7.5	OVB									
		7.5	9.0	KP	QTZ TR	- RUSTY/LIMONITIC; LOCALLY CALCAREOUS		23847	<.002				
		9.0	10.5		QTZ 1	- RUSTY/LIMONITIC; TR SIDERITIC		23848	<.002				
TR P4		10.5	12.0		QTZ 10	- SIDERITIC/LIMONITIC/RUSTY QTZ		23849					
TR P4		12.0	13.5		QTZ 5	- SAME AS ABOVE		23850	<.002				
TR P4		13.5	15.0		QTZ TR	- TR LIMONITIC/RUSTY		23851	<.002				
TR P4		15.0	16.5		QTZ 5	- RUSTY/LIMONITIC QTZ		23852	<.002				
TR P4		16.5	18.0		QTZ 7	- RUSTY/LIMONITIC QTZ		23853	<.002				
		18.0	19.5		/	- TR RUSTY		23854	<.002				
TR P4		19.5	21.0		QTZ TR	- RUSTY		23855	<.002				
2% P4, P0		21.0	22.5		QTZ 15	- SIDERITIC/LIMONITIC/RUSTY QTZ		23856	.012				
TR P4		22.5	24.0		QTZ 5	- TR SIDERITIC/RUSTY QTZ; STRONGLY CALCAREOUS		23857	<.002				
TR P4		24.0	25.5		QTZ 7	- TR SIDERITIC/RUSTY QTZ; STRONGLY CALCAREOUS		23858	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-136

 SHEET No. 2 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						FA		MAu	Other A
								Au	Me	Ag		
TR P4, PD		25.5	27.0		QTZ 7	- SIDERITIC/TR SERICITIC QTZ		23859		.003		
TR P4		27.0	28.5		QTZ TR			23860		<.002		
TR P4		28.5	30.0		QTZ 5	- TR SIDERITIC/RUSTY QTZ		23861		<.002		
TR P4		30.0	31.5		QTZ TR	- TR CALCAREOUS; LOCALLY SILTY		23862		.005		
TR P4		31.5	33.0		—	- LOCALLY SILTY		23863		<.002		
TR P4		33.0	34.5		QTZ TR	- TR RUSTY; TR SILTY		23864		<.002		
TR P4		34.5	36.0		—			23865		<.002		
TR P4		36.0	37.5		QTZ TR	- RUSTY QTZ		23866		<.002		
TR P4		37.5	39.0		QTZ TR	- TR RUSTY		23867		<.002		
		39.0	40.5		QTZ 1	- RUSTY, TR CALCAREOUS		23868		<.002		
TR P4		40.5	42.0		—	- TR RUSTY		23869		.017		
TR P4, PD		42.0	43.5		QTZ 6	- TR SIDERITIC/SERICITIC/LIMONITIC QTZ		23870		.003		
TR P4		43.5	45.0		QTZ 13	- SIDERITIC/SERICITIC QTZ		23871		<.002		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-136

 SHEET No. 3 of 5

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAU	Other A
TR P4		45.0	46.5		QTZ 10	- SERICITIC / TR SIDERITIC QTZ; TR RUSTY		23872	<.002				
TR P4, PO, CP4		46.5	48.0		QTZ 15	- SIDERITIC / SERICITIC / LIMONITIC QTZ; TR CHLORITE		23873	<.002				
TR P4		48.0	49.5		QTZ 10	- QTZ WITH SERICITE / CHLORITE, TR SIDERITE / LIMONITE		23874	<.002				
TR P4, PO		49.5	51.0		QTZ 5	- SIDERITIC / SERICITIC QTZ		23875	<.002				
TR P4		51.0	52.5		QTZ 7	- SIDERITIC QTZ		23876	.005				
		52.5	54.0		QTZ 2	- TR SIDERITIC QTZ		23877	<.002				
TR P4		54.0	55.5		QTZ 1	- TR SIDERITIC QTZ; TR RUSTY		23878	.003				
TR P4, PO, V6		55.5	57.0		QTZ 18	- RUSTY / TR SIDERITIC QTZ; V6 IN QTZ WITH PHYLITE / SERICITE / PO		23879	<.002				
TR P4		57.0	58.5		QTZ 3	- TR SIDERITIC / RUSTY / LIMONITIC QTZ		23880	<.002				
TR P4		58.5	60.0		QTZ TR	- TR RUSTY		23881	<.002				
TR P4		60.0	61.5		QTZ 2	- TR SIDERITIC QTZ		23882	<.002				
TR P4		61.5	63.0		QTZ 2	- SIDERITIC QTZ		23883	<.002				
TR P4		63.0	64.5		QTZ 1	- TR SIDERITIC / RUSTY QTZ; RUSTY		23884	.014				

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-136

 SHEET No. 4 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
TR P4		64.5	66.0		QTZ 1	- RUSTY/TR SIDERITIC QTZ		23885		.009			
TR P4		66.0	67.5		QTZ 1	- TR SIDERITIC/SERICITIC QTZ; TR RUSTY		23886		<.002			
TR P4		67.5	69.0		—			23887		<.002			
TR P4		69.0	70.5		—	- TR RUSTY		23888		<.002			
TR P4		70.5	72.0		QTZ 2	- SIDERITIC QTZ		23889		<.002			
TR-1/4 P4,P6		72.0	73.5		QTZ 12	- SIDERITIC/TR SERICITIC QTZ		23890		.016			
TR P4,P6		73.5	75.0		QTZ 10	- SIDERITIC/SERICITIC QTZ		23891		.007			
TR P4,P6		75.0	76.5		QTZ 5	- TR SIDERITIC QTZ; STRONGLY CALCAREOUS		23892		.018			
TR P4,P6		76.5	78.0		QTZ 5	- MODERATELY CALCAREOUS		23893		.011			
TR P4		78.0	79.5		QTZ 5	- TR SIDERITIC QTZ; TR RUSTY; WEAKLY CALCAREOUS		23894		.006			
TR P4		79.5	81.0		QTZ TR			23895		<.002			
TR P4		81.0	82.5		QTZ TR	- TR RUSTY		23896		<.002			
TR P4		82.5	84.0		QTZ TR	- TR RUSTY QTZ		23897		<.002			

DIAMOND DRILL RECORD

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Part 2 of 3

 PROPERTY FRASERBOLA

 HOLE No. R90-137

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -55°
 Claim.....
 Section.....
 Bearing 045°

 Total Depth 120.0 m
 % Recovery
 Elev. Collar 1529.9 m
 Latitude -46.682
 Departure 669.213

 Sheet No 1 of 6
 Logged by R. Montgomery
 Date Begun AUGUST 25, 1990
 Date Finished AUGUST 26, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		0	9.2	OVB									
TR pyrite, po, chlorite		9.2	10.5	KP	Qtz 05	Phyllite rusty-limonitic		23899		.022	.015		
TR pyrite	(?)	10.5	12.0	KP	Qtz 10	Qtz w/ carbonate, tr limonite/ siderite.		23900		.016	.013		
TR pyrite, po, cpy.		12.0	13.5		Qtz 05	TR siderite/Limonite on phyllite. TR sericite w/ qtz		23901		.119	.147		
1-2% pyrite, po		13.5	15.0		Qtz 25	qtz & phyllite rusty - 2-3% siderite/ limonite.		23902		.066	.087		
1% pyrite		15.0	16.5		Qtz 50	TR siderite/limonite on qtz, Phyllite rusty-limonitic.		23903		.055	.062		
TR pyrite, chlorite.		16.5	18.0		Qtz 60	TR siderite.		23904		.029	.050		
TR pyrite		18.0	19.5		Qtz 30	Qtz w/ sericite - TR siderite/Limonite w/ phyllite.		23905		.022	.018		
TR pyrite, po, chlorite.		19.5	21.0		Qtz 25	Qtz clear to cloudy white with TR sericite.		23906		.004	.006		
1% pyrite/po		21.0	22.5		Qtz 30	Qtz w/ carbonate		23907		.018	.009		
TR cpy, chlorite,						- TR siderite w/ phyllite.							
TR pyrite.		22.5	24.0		Qtz 60	TR Limonite/siderite w/ phyllite Qtz w/ TR siderite (qtz mainly unaltered)		23908		.004	.005		
TR pyrite/po, chlorite		24.0	25.5		Qtz 35	TR siderite.		23909		.006	.004		
~1% pyrite, po, cpy		25.5	27.0		Qtz 05	- TR siderite w/ phyllite. TR sericite.		23910		.009	.013		

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-137

 SHEET No. 2 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
Tr pyrite, po		27.0	28.5	KP	QTZ 65	- Qtz w/ carbonate, tr. sericite, & siderite		23911		.013	.020		
Tr. pyrite.		28.5	30.0		QTZ 05	- Qtz with carbonate		23912		.016	.021		
Tr. pyrite, po		30.0	31.5		QTZ 01	- TR limonite / siderite w/ phyllite		23913		.015	.017		
Tr pyrite		31.5	33.0		QTZ 07	- Qtz glassy to cloudy white w/ TR sericite.		23914		.078	.067		
1-2% pyrite, po		33.0	34.5		QTZ 15	- Qtz with carbonate, TR sericite		23915		.332	.371		
1-2% pyrite, po		34.5	36.0		QTZ 25	- Qtz w/ carbonate.		23916		.084	.107		
Tr cpy.													
1% pyrite, po		36.0	37.5		QTZ 05	- TR. SIDERITE, LIMONITE.		23917		.046	.039		
Tr pyrite, po, chlorite.		37.5	39.0		QTZ 40	- Phyllite w/ TR SIDERITE - TR sericite w/ Qtz.		23918		.009			
Tr pyrite, TR chlorite		39.0	40.5		QTZ 03	- TR siderite / limonite w/ phyllite.		23919		.003			
Tr pyrite.		40.5	42.0		QTZ 10	- Qtz & phyllite rusty - TR siderite/ Limonite.		23920		.003			
1% pyrite, po		42.0	43.5		QTZ 15	- TR siderite, Minor sericite w/ Qtz.		23921		.014			
Tr. pyrite		43.5	45.0		TR Qtz	TR siderite / limonite w/ phyllite.		23922		.003			
/		45.0	46.5		TR Qtz	- TR calcite crystals		23923		.003			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R 90-137

 SHEET No. 3 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME AU	BC	MAU	Other A	
TR. pyrite / po.		46.5	48.0	KP.	TR QTZ	- Rusty Qtz w/ TR SIDERITE		23924		<.002			
TR pyrite / po		48.0	49.5		QTZ 01	- same as previous interval.		23925		<.002			
TR pyrite / po		49.5	51.0		QTZ 25	- TR siderite / Limonite with phyllite - Qtz w/ Carbonate		23926		.053			
TR pyrite / po. TR chlorite		51.0	52.5		QTZ 50	TR sericite		23927		.017			
—		52.5	54.0		TR QTZ	3-4% siderite		23928		.003			
TR pyrite / po		54.0	55.5		QTZ 03	TR. SIDERITE / LIMONITE		23929		<.002			
		55.5	57.0		TR. QTZ	TR. SIDERITE / LIMONITE - Homogeneous grey phyllite.		23930		<.002			
TR. pyrite / po		57.0	58.5		TR QTZ	TR siderite		23931		<.002			
TR chlorite, sericite		58.5	60.0		QTZ 02	Phyllite w/ TR siderite / Limonite		23932		<.002			
TR pyrite		60.0	61.5		—	TR siderite		23933		<.002			
TR pyrite		61.5	63.0		QTZ 15	Qtz clear to cloudy white - TR SIDERITE		23934		.050			
TR pyrite, po. TR chlorite.		63.0	64.5		QTZ 07			23935		.012			
1% pyrite, po. TR. cpy.		64.5	66.0		QTZ 85	Qtz cloudy white, TR SERICITE		23936		.000			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-137

 SHEET No. 4 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAu	Other A	
TR. pyrite, po.		66.0	67.5	KP	Qtz 07	Qtz cloudy white		23937		.085		
TR. pyrite, po.		67.5	69.0		TR Qtz	TR. SIDERITE / LIMONITE - SULFURIOUS SMELL.		23938		.003		
-		69.0	70.5		TR Qtz	- Homogenous grey phyllite.		23939		.004		
TR. pyrite, po		70.5	72.0		TR Qtz	- phyllite very weakly calcareous		23940		<.002		
TR. pyrite, po		72.0	73.5		Qtz 01	- Grey phyllite w/ minor siderite / Limonite		23941		<.002		
TR. pyrite		73.5	75.0		TR. Qtz			23942		<.002		
		75.0	76.5		—	- TR SIDERITE / LIMONITE		23943		<.002		
TR. pyrite		76.5	78.0		TR Qtz	- Homogenous grey phyllite.		23944		<.002		
		78.0	79.5			- SAMPLE MISSING -		23945		<.002		
-		79.5	81.0		Qtz 02	- Phyllite with TR SIDERITE / LIMONITE.		23946		<.002		
TR. pyrite / po. TR. chlorite.		81.0	82.5		Qtz 17	- Qtz rusty, sideritic / Limonitic		23947		.010		
TR. pyrite		82.5	84.0		Qtz 01	TR siderite / Limonite		23948		.006		
TR. pyrite		84.0	85.5		Qtz 30	TR siderite. Qtz rusty - tr. limonite.		23949		<.002		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-137

 SHEET No. 5 of 6

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
TR pyrite/po. TR chlorite.		85.5	87.0	KP	QTZ 35	TR - 1% sericite, chlorite TR siderite.		23950	<.002				
TR pyrite, po		87.0	88.5		QTZ 20	- TR SIDERITE - QTZ w/ TR. SERICITE.		23951	.043				
TR pyrite, cpy		88.5	90.0		QTZ 25	TR SERICITE w/ QTZ.		23952	.016				
TR pyrite, po		90.0	91.5		QTZ 07			23953	.004				
TR - 1% pyrite		91.5	93.0		TR QTZ	- Homogenous grey phyllite.		23954	.005				
TR pyrite, po		93.0	94.5		QTZ 02	- TR SERICITE		23955	.004				
TR pyrite		94.5	96.0		TR QTZ			23956	.004				
TR pyrite/po		96.0	97.5		QTZ 02	TR SERICITE w/ QTZ		23957	.003				
TR pyrite/po		97.5	99.0		/	- Homogenous grey phyllite.		23958	.008				
TR pyrite/po		99.0	100.5		QTZ 05	- sulfurous small.		23959	.012				
TR pyrite.		100.5	102.0		TR QTZ	- Homogenous grey phyllite		23960	.011				
TR pyrite.		102.0	103.5		QTZ 01			23961	.029				
TR pyrite/po		103.5	105.0		QTZ 03	Qtz glassy to cloudy white. TR sericite. TR. siderite / Limonite.		23962	.015				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-137

 SHEET No. 6 of 6

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						Au	MAu	Other A	
TR PYRITE. TR chlorite.		105.0	106.5	KP	Qtz 20	TR SERICITE. Light grey phyllite.		23963	.004			
TR - 1% pyrite, po		106.5	108.0		Qtz 10	- TR SIDERITE/LIMONITE. - TR CALCITE.		23964	.012			
TR pyrite		108.0	109.5		TR Qtz	- TR SIDERITE		23965	.026			
TR pyrite, po		109.5	111.0		TR Qtz	- phyllite weakly calcareous		23966	.022			
TR pyrite, po		111.0	112.5	CP(?)	Qtz 05	- phyllite strongly calcareous graphite coating Qtz grains. TR SIDERITE.		23967	.007			
TR pyrite, po		112.5	114.0		Qtz 03	- phyllite very weakly calcareous Qtz grains contain graphitic inclusions.		23968	<.002			
1% pyrite, po, cpy		114.0	115.5		Qtz 10	- Qtz w/Carbonate		23969	<.002			
TR pyrite, po		115.5	117.0		Qtz 30	- TR chlorite & SERICITE		23970	<.002			
1% pyrite, po		117.0	118.5		Qtz 01	- TR SERICITE.		23971	<.002			
TR pyrite		118.5	120.0		✓	- phyllite strongly calcareous. TR SIDERITE/LIMONITE		23972	<.002			
<u>End of Hole 120.0 M</u>												

DIAMOND DRILL RECORD

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Part 2
of 3

PROPERTY FRASER GOLD

HOLE No. R90-138

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -55°
 Claim
 Section
 Bearing 045°

Total Depth 64.5m
 % Recovery
 Elev. Collar 1512.9m
 Latitude -47.828
 Departure 6758.437

Sheet No 1 of 3
 Logged by J. KERR
 Date Begun AUGUST 27, 1990
 Date Finished AUGUST 28, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						Au	MAU	Other A	
		0	9.0	OVB								
		9.0	10.5	KP	QTZ 1	RUSTY QTZ WITH TR SERICITE; RUSTY CUTTINGS		23972	<.002			
		10.5	12.0		QTZ 1	RUSTY QTZ; CUTTINGS RUSTY		23974	<.002			
TR PY		12.0	13.5		QTZ 5	RUSTY/SIDERITIC QTZ		23975	.004			
TR PY		13.5	15.0		QTZ 5	RUSTY/SIDERITIC QTZ		23976	.015			
TR PY		15.0	16.5		QTZ 3	RUSTY/SIDERITIC QTZ		23977	.015			
TR PY		16.5	18.0		✓	RUSTY		23978	.003			
TR DISS PY		18.0	19.5		QTZ 2	RUSTY/TR SIDERITIC QTZ; RUSTY CUTTINGS		23979	<.002			
		19.5	21.0		QTZ TR	RUSTY; TR SIDERITIC QTZ		23980	<.002			
TR PY		21.0	22.5		QTZ 3	RUSTY/TR SIDERITIC/TR SERICITIC QTZ; RUSTY		23981	<.002			
PY		22.5	24.0		✓			23982	<.002			
		24.0	25.5		QTZ 2	Rusty, sideritic etc		23983	<.002			
		25.5	27.0		Tr	Thin coat		23984	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. R90-138

 SHEET No. 2 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	BC	MAu	Other A
<i>Tr py</i>		27.0	28.5		<i>Qtz3</i>	<i>Rusty, sideritic gtz</i>		23985		<.002			
		28.5	30.0		/			23986		.005			
		30.0	31.5		<i>Qtz1</i>			23987		<.002			
<i>Tr py.</i>		31.5	33.0		<i>Tr</i>	<i>Rusty.</i>		23988		.003			
		33.0	34.5		<i>Qtz1</i>			23989		.004			
		34.5	36.0		/	<i>Rusty.</i>		23990		.007			
		36.0	37.5		<i>Qtz2</i>	<i>Rusty, sideritic gtz</i>		23991		.011			
<i>py, pyll.</i>		37.5	39.0		<i>Qtz5</i>	<i>Rusty, sideritic gtz</i>		23992		.025			
		39.0	40.5		<i>Qtz2</i>			23993		.049			
<i>Tr sulphides</i>		40.5	42.0		<i>Qtz1</i>	<i>Very rusty - siderite frags</i>		23994		.009			
		42.0	43.5		/	<i>rusty</i>		23995		.007			
<i>Tr pyll.</i>		43.5	45.0		<i>Tr</i>	<i>rusty</i>		23996		.007			
<i>17% py po.</i>		45.0	46.5		<i>Qtz10</i>	<i>Rusty, sideritic gtz w sulphides</i>		23997		.004			

DIAMOND DRILL RECORD

 PROPERTY FRASERBOLD

 HOLE No. R90-138

 SHEET No. 3 of 3

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	GR	MAU	Other A	
<i>Tr py</i>		46.5	48.0		Q12 10	<i>Rusty, sideritic & clear gtz.</i>		23998		.036			
		48.0	49.5		Q12 5	<i>Rusty</i>		23999		.015			
		49.5	57.0		Q12 5	<i>Rusty, sideritic</i>		24000		.003			
<i>Tr py</i>		57.0	52.5		Q12 5	" "		24001		.001			
		52.5	54.0		Q12 5			24002		<.002			
		54.0	55.5		Q12 10	<i>Rusty, sideritic gtz</i>		24003		.003			
		55.5	57.0		Tr			24004		<.002			
<i>Tr sulph.</i>		57.0	58.5		Q12 1	<i>Rusty.</i>		24005		<.002			
"		58.5	60.0		Tr.			24006		<.002			
"		60.0	61.5		Q12 1			24007		.010			
		61.5	63.0		/			24008		<.002			
		63.0	64.5		Q12 2	<i>Rusty</i>		24009		<.002			
						<u>64.5 m EOH</u> Hole abandoned due to cave at collar.							

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Part 2 of 3

DIAMOND DRILL RECORD

PROPERTY FRASER GOLD

HOLE No. R90-139

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -65°
 Claim
 Section
 Bearing 045°

Total Depth 89.5 m
 % Recovery
 Elev. Collar 1539.1 m
 Latitude -452.705
 Departure 6877.072

Sheet No 1 of 5
 Logged by J. Hill
 Date Begun Aug 28, 1990
 Date Finished Aug 29, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						Au	MAu	Other A		
		0	4.0	QVB									
		4.0	5.5	HP	Qtz05	Rusty, sideritic gtz.		29 010		<.002			
		5.5	7.0		Qtz07	Rusty sideritic gtz.		011		<.002			
Tc. py. po.		7.0	8.5		Qtz10	Sideritic gtz. py. pyrite in gtz.		012		.003			
		8.5	10		Tc			013		<.002			
		10	11.5		/			014		<.002			
		11.5	13		Qtz02	Minor siderite		015		<.002			
17% py. po.		13	14.5		Qtz10	Siderite & pyrite; large fragments		016		<.002			
		14.5	16		Qtz05	Mainly clear gtz		017		<.002			
Tc. py.		16	17.5		Qtz02	Rusty coarse frags phyllite		018		<.002			
		17.5	19		Qtz02	Rusty sideritic gtz		019		<.002			
		19	20.5		/			020		<.002			
		20.5	22		Qtz01	Sideritic		021		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-139

 SHEET No. 2 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	ME	AG	MAU	Other A
		22	23.5		/			022		.003			
2% py. (oo)		23.5	25		QTZ20	Sideritic & pyritic grt		023		.005			
1% py. oo		25	26.5		QTZ20	Sideritic & pyritic grt		024		.163			
		26.5	28		QTZ15	Minor siderite		025		<.002			
		28	29.5		QTZ03			026		.006			
		29.5	31		QTZ05			027		.006			
Tr py. oo		31	32.5		QTZ10	Sideritic		028		<.002			
		32.5	34		QTZ01	Coarse grt frags w siderite		029		<.002			
		34	35.5		Tr			030		<.002			
Tr py. oo		35.5	37		QTZ02	Minor rusting		031		<.002			
		37	38.5		/			032		<.002			
		38.5	40		Tr			033		<.002			
		40	41.5		Tr	Minor rusting		034		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-139

 SHEET No. 3 of 5

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A		
		41.5	43		/			24 035	.005				
Tr py, po		43	44.5		Qtz 15	Sideritic w sulphides, minor sericite		036	.007				
		44.5	46		Qtz 20	Sideritic, coarse qtz frags.		037	<.002				
		46	47.5		Qtz 05	Sideritic		038	<.002				
		47.5	49		Tr	Minor rusting		039	<.002				
		49	50.5		Qtz 01			040	.029				
Tr py, po		50.5	52	KP/BB	Qtz 01	graphitic?, minor rusting		041	.012				
Tr py, po		52	53.5	KP	Qtz 40	Hi content siderite & minor sericite		042	.057				
Tr py		53.5	55		Qtz 15	Sideritic		043	.010				
		55	56.5		Qtz 07	minor siderite		044	.034				
Tr py, po		56.5	58	KP/BB	Qtz 03			045	.017				
		58	59.5	KP	Tr			046	.004				
1-2% py, po		59.5	61		Qtz 05	Sideritic & rusty		047	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-139

 SHEET No. 4 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						Au	MAu	Other A		
		61	62.5	KP	/			24 048	<.002				
		62.5	64		Ti			049	.003				
Tr py.		64	65.5		Qtz 01	Rusty sideritic gtz.		050	<.002				
Tr py.		65.5	67		Qtz 01.			051	.005				
		67	68.5		/			052	.011				
Tr py		68.5	70		/			053	.026				
1 1/2 py (po)		70	71.5		/			054	.088				
1 1/2 py po.		71.5	73		Qtz 25	Sideritic & pyritic gtz. minor rusting.		055	.022				
Tr py		73	74.5		Qtz 30	Sideritic, rusty gtz.		056	.013				
		74.5	76		Qtz 10	Sideritic, rusty		057	<.002				
1-2% py (po)		76	77.5		Qtz 20	Minor siderite		058	.010				
1-2% py (po)		77.5	79		Qtz 10	Hi sideritic & rusted gtz		059	<.002				
Minor sulphides		79	80.5		Qtz 60	Rusty sideritic gtz		060	.009				

DIAMOND DRILL RECORD

20547 Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. R90-140

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole 65°
 Claim.....
 Section.....
 Bearing 045°

 Total Depth 89.5m
 % Recovery.....
 Elev. Collar 1555.9m
 Latitude -49° 05'
 Departure 712.059

 Sheet No 1 of 5
 Logged by J. K. H. I.
 Date Begun Aug 30, 1990
 Date Finished Aug 31, 1990
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						FA		BC	
								Au		MAu	Other A	
		0	6.5	OVB								
		5	6.5			No sample - overburden.		24 067	1.002			
		6.5	8.0	KP	Qtz 20	Rusty, sideritic gtz, minor sericite		068	1.002			
		8.0	9.5		Qtz 02			069	.006			
		9.5	11.0		/	Minor limonite		070	1.002			
		11.0	12.5		/			071	1.002			
		12.5	14.0		/			072	1.002			
Tr. py. po.		14.0	15.5		Tr	limonite replacement of sulphides		073	1.002			
Tr py (po).		15.5	17.0		Qtz 10	Sideritic & pyritic gtz. Minor limonite		074	1.002			
Tr py		17.0	18.5		Qtz 20	Hi cont. siderite in gtz		075	.017	.017		
		18.5	20.0		Qtz 03	sideritic gtz.		076	3.409	.041		
		20.0	21.5		Tr			077	.035	.040		
Tr py, po		21.5	23.0		Tr			078	.017	.009		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-140

 SHEET No. 2 of 5

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
		23.0	24.5	KP	/			21 079		.052	.008		
		24.5	26.0		Qtz 05	Minor siderite		080	<.002	.004			
		26.0	27.5		/			081	<.002	.002			
1/2% py (po)		27.5	29.0		Tr			082	<.002	.002			
Tr py, po		29.0	30.5		/			083	.010	.005			
Tr py (po)		30.5	32.0		Tr			084	.009	.015			
		32.0	33.5		/			085	.011	.012			
Tr py (po)		33.5	35.0		/			086	.005	.006			
		35.0	36.5		Tr	Minor limonite		087	.003	.004			
1% py (po)		36.5	38.0		Qtz 01	sideritic		088	<.002	.002			
Tr py		38.0	39.5		/			089	.004	.003			
1/2% py (po)		39.5	41.0		Tr			090	.004	.003			
Tr py		41.0	42.5		/			091	.010	.013			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R90-140

 SHEET No. 3 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
1% Py (po)		42.5	44.0	KP	Q12 25	Minor siderite & pyrite limonitic		92		.028	.045		
Tr py		44.0	45.5		Q12 10	limonitic with minor siderite		093		.006			
Tr py po		45.5	47.0		/			094		.006			
Tr py		47.0	48.5		Tr	Weakly limonitic		095		.005			
Tr py		48.5	50.0		Q12 70	Large frags, lacks siderite, minor pyrite		096		.018			
		50.0	51.5		Q12 15	Large frags, minor siderite		097		.013			
Tr py		51.5	53.0		Q12 05	sideritic, some large frags		098		.016			
Tr py		53.0	54.5		Q12 05	Minor siderite		099		.023			
Tr py		54.5	56.0		Tr			100		.009			
1% py po		56.0	57.5		Q12 07	Lacks siderite		101		.014			
2-3% py po		57.5	59.0		Q12 40	Minor siderite, high pyrite		102		.016			
		59.0	60.5		Tr			103		.101			
Tr py		60.5	62.0		Tr			104		.051			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-140

 SHEET No. 1 of 5

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	GC	Au	MAu
<i>Tr py</i>		62.0	63.5	<i>KP</i>	<i>Tr</i>			<i>2A</i> <i>105</i>		.021		
<i>1/2% py (po)</i>		63.5	65.0		<i>Qtz 10</i>	<i>Minor siderite</i>		<i>106</i>		.010		
<i>Tr py</i>		65.0	66.5		/			<i>107</i>		.010		
		66.5	68.0		<i>Qtz 05</i>	<i>Large trace easty qtz pass cut</i>		<i>108</i>		.029		
		68.0	69.5		<i>Tr</i>			<i>109</i>		.007		
		69.5	71.0		/			<i>110</i>		.200		
<i>Tr py (po)</i>		71.0	72.5		/			<i>111</i>		.013		
<i>1/2% py</i>		72.5	74.0		<i>Tr</i>			<i>112</i>		.014		
		74.0	75.5		<i>Qtz 02</i>			<i>113</i>		.033		
<i>1-2% py, Tr po.</i>		75.5	77.0		<i>Qtz 05</i>	<i>Lacks siderite</i>		<i>114</i>		<.002		
<i>1/2% py po.</i>		77.0	78.5		<i>Tr</i>			<i>115</i>		<.002		
<i>1% py po.</i>		78.5	80.0		<i>Qtz 01</i>			<i>116</i>		<.002		
<i>1% py po</i>		80.0	81.5		<i>Tr</i>			<i>117</i>		<.002		

DIAMOND DRILL RECORD

Part 2
of 3
20547

PROPERTY FRASER-GOLD

HOLE No. RC 90-141

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole - 60°
 Claim.....
 Section.....
 Bearing 045°

Total Depth 127.5 m
 % Recovery
 Elev. Collar 1567.2 m
 Latitude -505.850
 Departure 6959.613

Sheet No 1 of 7
 Logged by R. Montgomery
 Date Begun Sept 5/90
 Date Finished Sept 5/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME BC		MAU	Other A	
		Au											
		0	10.5	OVB									
TR pyrite		10.5	12.0	KP	QTZ 25	Rusty sideritic Qtz. Siderite/Limonite w/ phyllite - TR SERICITE.		24 123		.010			
TR pyrite, cpy		12.0	13.5		QTZ 15	Qtz & phyllite with siderite/Limonite.		124		<.002			
TR pyrite/po		13.5	15.0		QTZ 07	Brecciated Qtz & carbonate, 1-2% siderite/Limonite.		125		<.002			
-		15.0	16.5		QTZ 01	Grey phyllite w/ siderite/Limonite.		126		<.002			
-		16.5	18.0	KP/CP	TR QTZ	Qtz & phyllite sideritic-Limonitic. - phyllite strongly calcareous.		127		<.002			
TR pyrite/po		18.0	19.5	KP/CP	QTZ 03	- Moderately calcareous. TR chlorite, siderite.		128		.006			
-		19.5	21.0		QTZ 07	TR sericite, Phyllite w/minor siderite/Limonite.		129		<.002			
-		21.0	22.5		QTZ 02	TR sericite, Phyllite sideritic.		130		<.002			
TR oxidized pyrite		22.5	24.0		TR QTZ	TR siderite/Limonite with phyllite.		131		<.002			
TR pyrite		24.0	25.5		QTZ 04	Phyllite sideritic/Limonitic Minor brecciated Qtz & carbonate.		132		<.002			
TR pyrite		25.5	27.0		QTZ 10	TR sericite, TR siderite		133		.005			
TR pyrite		27.0	28.5		QTZ 01	TR siderite w/ grey phyllite		134		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-141

 SHEET No. 2 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAU	Other A
TR pyrite / po		28.5	30.0	KP	Qtz 01	5-10% siderite / Limonite Tr. sericite.		135		<.002			
TR pyrite		30.0	31.5		TR Qtz	Siderite / Limonite with phyllite.		136		<.002			
TR pyrite (cubic crystals).		31.5	33.0		TR Qtz	~ 5% siderite, limonite.		137		<.002			
TR pyrite, po		33.0	34.5		TR Qtz	phyllite w/ siderite - Limonite.		138		<.002			
TR pyrite.		34.5	36.0		Qtz 01	sideritic phyllite (2-4% siderite)		139		<.002			
TR pyrite / po		36.0	37.5		Qtz 01	Same as previous interval		140		<.002			
-		37.5	39.0		—	Sideritic grey phyllite ~ 10-15% siderite.		141		<.002			
TR pyrite / po		39.0	40.5		Qtz 01	qtz & phyllite sideritic		142		<.002			
TR pyrite.		40.5	42.0		Qtz 02	qtz with TR vugs, and oxidized / sideritic - Grey sideritic / Limonitic phyllite.		143		<.002			
TR pyrite / po		42.0	43.5		Qtz 02	TR sericite / chlorite. Minor siderite w/ phyllite.		144		<.002			
TR pyrite / po. Pyrite oxidizing.		43.5	45.0		TR Qtz	Phyllite ~ 5% siderite / Limonite.		145		<.002			
-		45.0	46.5		—	Grey phyllite w/ ~ 3% siderite		146		<.002			
TR pyrite		46.5	48.0		Qtz 10	Qtz & phyllite sideritic / Limonitic (~ 7-10% siderite.)		147		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-141

 SHEET No. 3 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
Tr pyrite / po		48.0	49.5	KP	—	Tr siderite / Limonite with phyllite.		²⁴ 148		.003			
-		49.5	51.0		—	Sideritic / Limonitic phyllite		149		<.002			
Tr pyrite / po		51.0	52.5		Tr Qtz	Grey sideritic phyllite (~10% siderite / Limonite)		150		<.002			
-		52.5	54.0		Qtz 02	Qtz rusty. Phyllite ~ 5% siderite/ Limonite.		151		<.002			
Tr. pyrite / po		54.0	55.5		Tr Qtz	Grey sideritic phyllite.		152		<.002			
TR-17. pyrite / po		55.5	57.0		Qtz 03	Tr. siderite. Qtz rusty / Limonitic.		153		.070			
Tr pyrite / po		57.0	58.5		Qtz 15	Tr. sericite. Minor brecciated qtz & carbonate		154		.052			
Tr pyrite / po		58.5	60.0		Qtz 15	Tr chlorite, sericite. Minor siderite.		155		.016			
Tr pyrite / po. Pyrite as euhedral cubic crystals.		60.0	61.5		Qtz 20	Qtz clear to cloudy white / Limonitic		156		.019			
Tr pyrite / po. Pyrite oxidizing.		61.5	63.0		Qtz 05	Phyllite sideritic / Limonitic.		157		<.002			
Tr pyrite / po		63.0	64.5		Tr Qtz	Phyllite w/ 5-10% siderite / Limonite.		158		.049			
Tr pyrite / po cubic pyrite crystals		64.5	66.0		Tr Qtz	Same as above.		159		.007			
Tr pyrite.		66.0	67.5		—			160		.011			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-141

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS			
		FROM	TO						FA		MAu	Other A
								ME	BC			
Tr pyrite / po		67.5	69.0	KP	Qtz 01	Tr. siderite		2# 161		.003		
Tr pyrite		69.0	70.5		—	Minor siderite w/ phyllite. Sulfides as euhedral x-stals.		162	.027			
Tr pyrite, mainly as cubic x-stals		70.5	72.0		—	Grey phyllite, minor siderite.		163	.003			
Tr pyrite		72.0	73.5		TR Qtz	Tr siderite / Limonite. Homogeneous grey phyllite.		164	<.002			
Tr pyrite in phyllite.		73.5	75.0		Qtz 01	Qtz vuggy, sideritic		165	.004			
Tr pyrite		75.0	76.5		TR Qtz	Tr sericite		166	.003			
Tr pyrite		76.5	78.0		—	Tr sericite. Grey sideritic phyllite.		167	.003			
Tr pyrite		78.0	79.5		TR Qtz	Homogeneous grey phyllite.		168	<.002			
Tr pyrite		79.5	81.0		TR Qtz	Grey sideritic phyllite.		169	<.002			
Finely disseminated pyrite.		81.0	82.5		—	Homogeneous grey phyllite.		170	<.002			
Tr euhedral pyrite x-stals		82.5	84.0		TR Qtz			171	<.002			
Tr pyrite / po		84.0	85.5		Qtz 03	Tr siderite. Large Qtz grains.		172	.004			
Tr pyrite / po		85.5	87.0		TR Qtz	Phyllite ~ 5% siderite.		173	<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-141

 SHEET No. 5 of 7

TEXTURE, ALTER'N MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
TR pyrite/po as blebs on phyllite		87.0	88.5	KP	—	phyllite ~ 7-10% siderite/Limonite.		24 174		<.002			
TR - 1/2% pyrite (cubic x-stals) + po		88.5	90.0		—	Sideritic grey phyllite.		175		.003			
TR pyrite.		90.0	91.5		Qtz 07	Qtz occurs as large, sideritic grains.		176		<.002			
TR pyrite, po		91.5	93.0		—	Phyllite weakly calcareous & ~ 5-10% siderite/Limonite.		177		.017			
TR pyrite, po		93.0	94.5		—	Grey sideritic phyllite.		178		.012			
TR pyrite blebs in phyllite.		94.5	96.0		—	Homogenous grey phyllite		179		.011			
TR pyrite, cpy		96.0	97.5		Qtz 03	Minor brecciated Qtz w/ carbonate		180		.010			
1/2 - 1% pyrite/po		97.5	99.0		Qtz 05	Pyrite as blebs and fine laminae in phyllite		181		.006			
-		99.0	100.5		TR Qtz	Phyllite 3-5% siderite/Limonite.		182		<.002			
TR pyrite, po		100.5	102.0		Qtz 40	Qtz clear - cloudy white. Tr chlorite, sericite		183		<.002			
TR pyrite, po		102.0	103.5		TR Qtz	Grey sideritic phyllite.		184		<.002			
pyrite as blebs in phyllite		103.5	105.0		TR Qtz	- TR siderite / Limonite.		185		<.002			
TR pyrite as blebs and fine laminae		105.0	106.5		—	- Homogenous grey phyllite		186		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. R 90-141

 SHEET No. 6 of 7

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO-VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	GC	MAU	Other A
2-3% pyrite, po blobs on phyllite	as	106.5	108.0	KP	Tr Qtz	Tr sericite		29 187	.021			
1% pyrite, po. Tr cpy		108.0	109.5		Qtz 03	Tr siderite.		188	.006			
1% pyrite/po		109.5	111.0		Tr Qtz	Homogenous grey phyllite.		189	.029			
Tr pyrite/po		111.0	112.5		—	Phyllite weakly calcareous		190	<.002			
~ 1% pyrite/po		112.5	114.0		Qtz 25	Tr sericite. Minor brecciated qtz with carbonate.		191	<.002			
1% pyrite/po		114.0	115.5		Qtz 15	Phyllite weakly calcareous, Tr sericite.		192	<.002			
Tr pyrite/po		115.5	117.0		Qtz 02	Phyllite weakly calcareous		193	<.002			
1% pyrite/po		117.0	118.5		Qtz 10	Qtz altering to sericite. Sulfides form fine laminae in phyllite.		194	<.002			
Tr pyrite/po		118.5	120.0	KP/CP	Tr Qtz	- Phyllite strongly calcareous - Calcareous siltstone.		195	<.002			
5% pyrite/po		120.0	121.5		Tr Qtz	- Sulfides form euhedral crystals in phyllite.		196	<.002			
2% pyrite/po		121.5	123.0		Qtz 01	Minor calcareous slst. Tr siderite.		197	<.002			
Tr pyrite/po		123.0	124.5	KP/CP	Tr Qtz	strongly calcareous slst / phyllite.		198	<.002			
Tr pyrite/po		124.5	126.0	KP/CP	—	- Same as previous interval.		199	<.002			

DIAMOND DRILL RECORD

20547

Part 2 of 3

 PROPERTY FRASER GOLD

 HOLE No. RC 90-142

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -60°
 Claim.....
 Section.....
 Bearing 025°

 Total Depth 139.5 m
 % Recovery.....
 Elev. Collar 1567.3 m
 Latitude -506.654
 Departure 6958.901

 Sheet No 1 of 7
 Logged by R. Montgomery
 Date Begun Sept 5/90
 Date Finished Sept 6/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	RC	Au	MAu	Other A
		0	6.0	OVB									
TR pyrite		6.0	7.5	KP	TR Qtz	Rusty sideritic grey phyllite		201	.004				
-		7.5	9.0		Qtz 5	Qtz & phyllite sideritic / Limonitic.		202	.011				
TR oxidized pyrite		9.0	10.5		Qtz 10	Sideritic grey phyllite.		203	.019				
TR pyrite / po		10.5	12.0		Qtz 05	Minor brecciated Qtz & carbonate		204	.157				
-		12.0	13.5		Qtz 10	TR chlorite. Qtz sideritic.		205	.018				
TR pyrite, po		13.5	15.0		Qtz 10	Light grey phyllite		206	.006				
TR oxidized pyrite		15.0	16.5		Qtz 20	TR chlorite & sericite		207	<.002				
-		16.5	18.0		TR Qtz	Homogenous grey phyllite w/ TR siderite / Limonite.		208	.004				
-		18.0	19.5		Qtz 04	~ 5% calcareous sediment, - Large sideritic fragments		209	.013				
TR oxidized pyrite		19.5	21.0		Qtz 01	Sideritic grey phyllite		210	.013				
TR pyrite		21.0	22.5		Qtz 05	- TR calcareous sediment. Phyllite strongly oxidized and sideritic.		211	.004				
-		22.5	24.0		Qtz 10	- Qtz rusty, sideritic, sericitic.		212	<.002				

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. RC 90-147

 SHEET No. 2 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	BC	MAU	Other A
-		24.0	25.5	KP	—	Rusty - Limonitic/sideritic grey phyllite.		213		<.002			
TR oxidized pyrite		25.5	27.0		Qtz 5	Sideritic/Limonitic grey phyllite.		214		<.002			
TR oxidized pyrite		27.0	28.5		Qtz 10	TR chlorite, sericite		215		.003			
TR pyrite, po		28.5	30.0		TR Qtz	Homogenous grey phyllite w/ minor siderite/Limonite.		216		<.002			
-		30.0	31.5		—	Homogenous grey phyllite w/ ~3% siderite.		217		<.002			
-		31.5	33.0		TR Qtz	Grey phyllite w/ minor Limonite/siderite.		218		<.002			
-		33.0	34.5		—	Grey sideritic/Limonite phyllite.		219		<.002			
-		34.5	36.0		—	- same as above -		220		<.002			
-		36.0	37.5		—	- same as above -		221		<.002			
TR oxidized pyrite		37.5	39.0		TR Qtz	Grey phyllite w/ Minor limonite/siderite		222		.003			
TR pyrite, cpy		39.0	40.5		Qtz 5	Minor brecciated Qtz & carbonate TR siderite.		223		<.002			
TR pyrite		40.5	42.0		Qtz 07	Minor sericite w/ Qtz TR siderite w/ phyllite.		224		<.002			
TR disseminated pyrite.		42.0	43.5		TR Qtz	Rusty-limonitic phyllite		225		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. RC 90-142

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	RE	MAU	Other A
TR pyrite/po		63.0	64.5	KP	QTZ2	Grey sideritic phyllite		24 239		.008		
-		64.5	66.0		-	Limonitic/sideritic phyllite		240		.015		
TR pyrite		66.0	67.5		TR Qtz	Limonitic/sideritic phyllite		241		.008		
TR pyrite		67.5	69.0		Qtz 03	Qtz rusty, limonitic. Grey sideritic phyllite.		242		.004		
TR pyrite/po		69.0	70.5		Qtz 01	Minor siderite w/ phyllite.		243		.004		
TR oxidized pyrite		70.5	72.0		-	Homogenous grey phyllite, TR. siderite		244		.004		
		72.0	73.5		-	- same as previous interval		245		<.002		
TR pyrite		73.5	75.0		TR Qtz	Sideritic/Limonitic phyllite.		246		<.002		
TR pyrite/po		75.0	76.5		Qtz 04	Light grey sideritic phyllite.		247		.025		
TR pyrite/po		76.5	78.0		Qtz 15	TR sericite Qtz clear to cloudy white. TR siderite with phyllite.		248		.018		
Minor pyrite/po		78.0	79.5		TR Qtz	Qtz cloudy white → sideritic.		249		.003		
		79.5	81.0		TR Qtz	Grey sideritic/Limonitic phyllite		250		.006		
Oxidized pyrite (TRACE)		81.0	82.5		TR Qtz	Rusty-Limonitic phyllite.		251		<.002		

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. RC 90-142

 SHEET No. 5 of 7

TEXTURE, ALTERN. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECOVERY	SAMPLE No.	ASSAYS				
		FROM	TO						ME	BC	MAu	Other A	
-		82.5	84.0	KP	-	Limonitic / sideritic grey phyllite.		24 252		<.002			
-		84.0	85.5		-	- same as above		253		<.002			
TR oxidized pyrite.		85.5	87.0		Qtz 07	Qtz cloudy white TR sideritic.		254		<.002			
		87.0	88.5		Qtz 05	Qtz cloudy white TR sideritic. Phyllite strongly sideritic.		255		.012			
TR pyrite		88.5	90.0		Qtz 01	Sideritic grey phyllite.		256		<.002			
TR pyrite		90.0	91.5		Qtz 02	Qtz cloudy white to slightly sideritic.		257		.004			
TR pyrite, po		91.5	93.0		Qtz 02	Minor siderite with phyllite & Qtz		258		<.002			
-		93.0	94.5		TR Qtz	Grey phyllite w/ TR siderite/ Limonite.		259		.003			
-		94.5	96.0		TR Qtz	TR siderite.		260		.007			
TR pyrite, po		96.0	97.5		Qtz 02	Grey phyllite w/ TR siderite/ Limonite.		261		.031			
TR pyrite, po		97.5	99.0		Qtz 25	Qtz clear to cloudy white.		262		.053			
TR oxidized pyrite.		99.0	100.5		Qtz 15	TR sericite.		263		.007			
TR pyrite as blobs on phyllite		100.5	102.0		TR Qtz	TR sideritic phyllite.		264		.004			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-142

 SHEET No. 6 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME Au	AG	MAU	Other A	
Tr pyrite, po		102.0	103.5		Qtz 02	Homogeneous grey phyllite.		24 265		<.002			
Tr pyrite.		103.5	105		/	Unaltered grey phyllite		266		.009			
Tr pyrite, po		105	106.5		—	Homogeneous grey phyllite		267		.005			
~1/2% pyrite, po		106.5	108		TR Qtz	Homogeneous grey phyllite.		268		<.002			
Tr pyrite as euhedral crystals.		108	109.5		—	grey phyllite		269		.003			
Tr pyrite, po		109.5	111		Qtz 20	Tr sericite, minor brecciated Qtz/w carbonate.		270		.012			
Tr pyrite as blebs in phyllite.		111	112.5		TR Qtz	- Grey phyllite.		271		.044			
2% pyrite. Tr po		112.5	114		TR Qtz	- Sulfides occur as blebs in phyllite		272		.019			
1% pyrite. Tr po, CPY.		114	115.5		Qtz 01	Phyllite moderately calcareous		273		<.002			
4-5% pyrite as large euhedral x-stals.		115.5	117	KP/CP	Qtz 05	Phyllite strongly calcareous. Tr euhedral calcite x-stals.		274		<.002			
TR. pyrite finely diss ⁿ		117	118.5	KP/CP	—	Phyllite, Tr slst strongly calcareous Tr siderite		275		<.002			
1% pyrite		118.5	120		TR Qtz	Calcareous sds. ~ 5%.		276		.003			
2% pyrite / po		120	121.5		Qtz 01	Weakly calcareous sds. Tr sericite		277		<.002			

DIAMOND DRILL RECORD

20547

Part 2 of 2

 PROPERTY FRASER GOLD

 HOLE No. RC 90-143

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

 Hole Size
 Angle of Hole -55°
 Claim
 Section
 Bearing 335°

 Total Depth 151.5 m
 % Recovery
 Elev. Collar 1567.5 m
 Latitude -508.100
 Departure 6957.637

 Sheet No 1 of 8
 Logged by R. Montgomery
 Date Begun Sept 6/90
 Date Finished Sept 7/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS					
		FROM	TO						Au	ME	AG	MAu	Other A	
		0	3.0	OVB										
TR pyrite		3.0	4.5	KP	Qtz 03	Sideritic/Limonitic grey phyllite, TR chlorite.		290						
TR oxidized pyrite		4.5	6.0		Qtz 10	Qtz rusty-sideritic. Sideritic/Limonitic grey phyllite.		291						
TR pyrite		6.0	7.5		TR Qtz	TR sericite. Sideritic grey phyllite.		292						
TR pyrite, cpy		7.5	9.0		Qtz 15	Grey phyllite with minor siderite.		293						
-		9.0	10.5		Qtz 03	Qtz sideritic, w/ TR sericite		294						
TR pyrite		10.5	12.0		Qtz 60	Qtz cloudy white to sideritic. sideritic/Limonitic grey phyllite.		295						
TR pyrite / po		12.0	13.5		Qtz 40	Minor brecciated Qtz & Carbonate TR sericite.		296						
TR pyrite / po		13.5	15.0		Qtz 25	TR chlorite, sericite.		297						
-		15.0	16.5		Qtz 40	Qtz cloudy white to rusty/sideritic.		298						
TR pyrite		16.5	18.0		TR Qtz	Homogenous grey phyllite.		299						
		18.0	19.5		Qtz 20	Grey phyllite w/ TR siderite Minor brecciated Qtz & Carbonate.		300						
TR oxidized pyrite		19.5	21.0		Qtz 40	Minor sericite. Qtz sideritic, TR brecciated Qtz & Carbonate.		301						

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. RC 90-143

 SHEET No. 2 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
TR pyrite / po		21.0	22.5	RP	Qtz 30	Qtz predominantly cloudy white, TR sideritic.		24 302		.071			
TR pyrite		22.5	24.0		Qtz 10	Large euhedral dolomite x-stals. TR siderite with phyllite		303		.006			
TR pyrite, po		24.0	25.5		Qtz 03	Grey phyllite w/ TR siderite / Limonite.		304		<.002			
-		25.5	27.0		Qtz 02	TR sericite. Minor siderite / Limonite w/ phyllite		305		<.002			
TR pyrite / po		27.0	28.5		Qtz 03	Grey phyllite w/ minor siderite / Limonite		306		<.002			
-		28.5	30.0		Qtz 01	Grey sideritic phyllite. Large fragments of phyllite.		307		<.002			
-		30.0	31.5		Qtz 01	Grey sideritic / Limonitic phyllite		308		<.002			
-		31.5	33.0		TR Qtz	same as above.		309		<.002			
TR pyrite as euhedral x-stals		33.0	34.5		Qtz 01	grey phyllite w/ TR siderite / Limonite.		310		<.002			
		34.5	36.0		TR Qtz	TR sericite. Homogeneous grey phyllite w/ TR siderite		311		<.002			
TR pyrite		36.0	37.5		Qtz 07	TR siderite		312		<.002			
		37.5	39.0		Qtz 05	TR siderite / Limonite.		313		<.002			
		39.0	40.5		TR Qtz	TR siderite / Limonite.		314		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-143

 SHEET No. 3 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	AU	MAU	Other A
		40.5	42.0	KP	-	Grey sideritic / Limonitic phyllite		24 315		<.002			
		42.0	43.5		Qtz 10	TR siderite, TR sericite		316		.004			
		43.5	45.0		Qtz 03	Minor brecciated Qtz & carbonate TR siderite.		317		<.002			
		45.0	46.5		Qtz 02	TR siderite / Limonite		318		<.002			
TR pyrite as blebs and euhedral x-stals		46.5	48.0		Qtz 10	TR siderite		319		<.002			
		48.0	49.5		TR Qtz	TR carbonate, siderite.		320		<.002			
TR oxidized pyrite		49.5	51.0		TR Qtz	Minor siderite / Limonite with grey phyllite.		321		<.002			
		51.0	52.5		TR Qtz	- same as above.		322		<.002			
TR pyrite, cpy		52.5	54.0		-	grey sideritic phyllite.		323		<.002			
-		54.0	55.5		-	same as above		324		<.002			
TR oxidized pyrite		55.5	57.0		-	Sideritic / Limonitic grey phyllite.		325		<.002			
-		57.0	58.5		-	same as above		326		<.002			
-		58.5	60.0		-	Sideritic / Limonitic grey phyllite		327		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-143

 SHEET No. 4 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BL	Au	MAu	Other A
TR oxidized pyrite		60.0	61.5	KP	/	Minor siderite/Limonite w/ phyllite.		27 328		<.002			
TR pyrite		61.5	63.0		/	Same as above.		329		<.002			
-		63.0	64.5		TR Qtz	Qtz sideritic. Minor siderite/Limonite w/ phyllite		330		.003			
-		64.5	66.0		TR Qtz	TR siderite/Limonite		331		<.002			
TR oxidized pyrite		66.0	67.5		Qtz 02	Qtz & phyllite sideritic.		332		<.002			
TR pyrite, cpy		67.5	69.0		Qtz 01	- same as above		333		.003			
TR oxidized pyrite		69.0	70.5		Qtz 01	- grey phyllite ~ 5% siderite/ Limonite		334		<.002			
TR pyrite.		70.5	72.0		Qtz 02	- same as above		335		<.002			
-		72.0	73.5		Qtz 01	- same as above		336		<.002			
-		73.5	75.0		-	Few large grains of siderite		337		<.002			
TR pyrite		75.0	76.5		TR Qtz	Phyllite 3-5% siderite		338		<.002			
		76.5	78.0		TR Qtz	Phyllite 5-10% siderite.		339		<.002			
TR pyrite, po		78.0	79.5		-	Phyllite ~ 5% siderite/limonite		340.		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-143

 SHEET No. 5 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	F# ASSAYS				
		FROM	TO						ME	AG	Au	MAU	Other A
TR pyrite		79.5	81.0		—	Limonite, Minor siderite with phyllite.		29 341		<.002			
		81.0	82.5		—	- same as above		342		<.002			
		82.5	84.0		—	Minor siderite/Limonite.		343		<.002			
		84.0	85.5		—	TR siderite		344		<.002			
TR oxidized pyrite		85.5	87.0		—	TR siderite/Limonite		345		<.002			
TR pyrite, po		87.0	88.5		TR Qtz	TR sericite, Limonite.		346		<.002			
TR pyrite, po		88.5	90.0		Qtz, D3	TR sericite TR Limonite.		347		<.002			
TR pyrite		90.0	91.5		TR Qtz	- Homogeneous grey phyllite w/ TR Limonite.		348		<.002			
TR oxidized pyrite		91.5	93.0		—	- Grey phyllite w/ TR Limonite.		349		<.002			
TR oxidized pyrite		93.0	94.5		TR Qtz	- Grey phyllite w/ minor siderite/ Limonite.		350		<.002			
TR pyrite, po		94.5	96.0		—	- TR siderite		351		<.002			
TR pyrite, po		96.0	97.5		—	- TR siderite, Limonite.		352		<.002			
TR pyrite as fine laminae in phyllite.		97.5	99.0		—	- TR Limonite, siderite		353		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-143

 SHEET No. 6 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	ME	MAU	Other A	
TR pyrite		99.0	100.5		TR Qtz	Grey phyllite w/ Tr Limonite.		24 354		<.002			
-		100.5	102.0		-	Same as above		355		<.002			
TR pyrite as blebs in phyllite		102.0	103.5		Qtz O2	- Homogenous grey phyllite.		356		.005			
TR pyrite as laminae in phyllite.		103.5	105.0		TR Qtz	- Homogenous grey phyllite.		357		<.002			
TR pyrite, po finely disseminated in phyllite.		105.0	106.5		Qtz O2	- Qtz cloudy white.		358		<.002			
TR pyrite, po		106.5	108.0		TR Qtz	- Homogenous grey phyllite.		359		<.002			
		108.0	109.5		TR Qtz	- same as above		360		<.002			
TR pyrite		109.5	111.0		TR Qtz	- TR sericite		361		<.002			
-		111.0	112.5		TR Qtz			362		<.002			
TR pyrite, po as blebs in phyllite		112.5	114.0		-	- Grey phyllite		363		<.002			
TR pyrite / po		114.0	115.5		TR Qtz	- Grey phyllite		364		<.002			
TR pyrite / po		115.5	117.0		-	- TR Limonite w/ phyllite.		365		<.002			
TR oxidized pyrite		117.0	118.5		TR Qtz			366		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-143

 SHEET No. 7 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	Au	MAu	Other A
TR pyrite, po		118.5	120.0		TR Qtz	grey phyllite.		367		.004			
Pyrite, po finely dissem. in phyllite		120.0	121.5		TR Qtz			368		.003			
TR pyrite, po		121.5	123.0		Qtz 02	TR chlorite. Minor brecciated qtz & carbonate.		369		.012			
Tarnished pyrite. TR cpy.		123.0	124.5		Qtz 60	~ 5% sericite, TR. chlorite.		370		.016			
TR pyrite. Pyrite commonly as euhedral cubes		124.5	126.0		Qtz 40	Minor sericite, chlorite. Light grey phyllite.		371		<.002			
		126.0	127.5		Qtz 02	TR sericite, chlorite. TR siderite.		372		<.002			
TR pyrite as blebs & euhedral x-stals		127.5	129.0		Qtz 04	- Grey homogenous phyllite		373		.015			
~ 1/2% pyrite, TR cpy		129.0	130.5		Qtz 30	Qtz clear to cloudy white. TR sericite		374		.024			
1% pyrite, po		130.5	132.0		Qtz 35	~ 2% chlorite, TR sericite		375		.003			
1% pyrite, po		132.0	133.5		Qtz 60	TR chlorite, sericite. Qtz cloudy white w/ sulfides.		376		.003			
1% pyrite; oxidizing. TR po, cpy		133.5	135.0		Qtz 25	TR chlorite, sericite.		377		<.002			
TR pyrite, po		136.0	136.5		TR Qtz	- Grey phyllite		378		<.002			
TR pyrite as blebs & thin laminae in phyllite		136.5	138.0		Qtz 02	- Grey phyllite w/ TR Limonite		379		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-143

 SHEET No. 8 of 8

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS			
		FROM	TO						ME	BC	MAU	Other A
Tr pyrite, po		138.0	139.5	KP	TR Qtz	Tr sericite. Grey homogenous phyllite.		24 380		.005		
1/2-1% pyrite, po		139.5	141.0		Qtz 05	Tr sericite. Qtz clear → cloudy white.		381		.055		
1% pyrite, po		141.0	142.5		Qtz 15	- Light grey phyllite. Tr sericite.		382		<.002		
3% pyrite, po as large euhedral crystals.		142.5	144.0	KP/CP	Qtz 03	Tr sericite. Moderately calcareous phyllitic sediments.		383		<.002		
Tr pyrite, po		144.0	145.5	KP/CP	Qtz 02	calcareous sediments. Tr sericite Qtz Tr. vuggy.		384		<.002		
1% pyrite, po		145.5	147.0	KP/CP	Qtz 03	- Moderately calcareous sediment		385		<.002		
1% pyrite, po		147.0	148.5	KP/CP	Qtz 03	Tr chlorite. Slightly calcareous seds.		386		<.002		
1% pyrite, po		148.5	150.0	KP/CP	—	- Strongly calcareous phyllite Tr. sericite. Tr. siderite		387		<.002		
1% pyrite, po		150.0	151.5	KP/CP	Qtz 02	- Grey calcareous sediments. Tr chlorite, sericite.		388		<.002		
<u>END OF HOLE 151.5 M</u>												

DIAMOND DRILL RECORD

20547

Part 2
of 3PROPERTY FRASER GOLDHOLE No. RC 90-144

DIP AND AZIMUTH TEST		
Corrected		
Footage	Angle	Azimuth

Hole Size
 Angle of Hole -60°
 Claim
 Section
 Bearing 045°

Total Depth 126.0 m
 % Recovery
 Elev. Collar 1571.3 m
 Latitude -518.835
 Departure 7022.690

Sheet No 1 of 7
 Logged by R. Montgomery
 Date Begun Sept 7/90
 Date Finished Sept 8/90
 Core Stored At BASE CAMP

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
		0	9.0	DVB									
TR pyrite		9.0	10.5	KP	Qtz 30	Strongly oxidized, qtz & phyllite Limonitic/sideritic.		389		.009			
		10.5	12.0		TR Qtz			390		.095			
TR pyrite		12.0	13.5		Qtz 35	Qtz & phyllite oxidized-Limonitic. TR sericite.		391		.036			
TR pyrite, po		13.5	15.0		Qtz 15	TR Limonite - TR sericite.		392		.004			
TR oxidized pyrite		15.0	16.5		Qtz 01	Phyllite w/ minor Limonite/ siderite.		393		.006			
		16.5	18.0		Qtz 01	Minor Limonite w/ phyllite		394		<.002			
		18.0	19.5		Qtz 10	Qtz predominantly rusty-Limonitic. TR sericite.		395		.003			
		19.5	21.0		Qtz 02	Phyllite rusty-Limonitic. TR pyrite/po		396		<.002			
TR oxidized pyrite		21.0	22.5		Qtz 05	Qtz & phyllite rusty-Limonitic.		397		<.002			
TR pyrite		22.5	24.0		Qtz 03	Minor Limonite-siderite.		398		<.002			
		24.0	25.5		Qtz 02	- Very large fragments of Limonitic phyllite, TR sericite.		399		.003			
TR oxidized phyllite		25.5	27.0		Qtz 05	Qtz & phyllite TR Limonitic.		400		<.002			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-144

 SHEET No. 2 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	ASSAYS				
		FROM	TO						Au	MAU	Other A		
Tr. pyrite, cpy		27.0	28.5	KP	Qtz Q3	Qtz & phyllite limonitic/sideritic. Tr. sericite.		34 401		1.002			
Tr. pyrite, po. as blebs in phyllite		28.5	30.0		Qtz Q2	Minor limonite		402		<.002			
Tr. pyrite, po		30.0	31.5		Qtz Q2	Qtz rusty, minor limonitic phyllite.		403		.005			
		31.5	33.0		—	Phyllite w/ minor limonite/siderite.		404		<.002			
		33.0	34.5		Qtz Q1	Sideritic/Limonitic grey phyllite		405		<.002			
Tr. oxidized pyrite		34.5	36.0		TR Qtz	Qtz rusty, Phyllite w/ Tr. limonite		406		<.002			
-		36.0	37.5		TR Qtz	- same as above		407		<.002			
Tr. pyrite, po		37.5	39.0		TR Qtz	- Phyllite w/ Tr. siderite/limonite.		408		<.002			
		39.0	40.5		TR Qtz	~ 1% siderite		409		<.002			
Tr. pyrite, po		40.5	42.0		—	Minor limonite, siderite		410		<.002			
		42.0	43.5		Qtz Q15	Qtz & phyllite rusty to limonitic.		411		<.002			
		43.5	45.0		Qtz Q2	Minor limonite/siderite.		412		<.002			
		45.0	46.5		Qtz Q2	TR limonite, rusty Qtz		413		.006			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-144

 SHEET No. 3 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BC	MAU	Other A	
TR. pyrite, po		46.5	48.0		TR Qtz	TR sericite. Minor siderite/Limonite.		24 414		<.002			
		48.0	49.5		Qtz 01	Limonitic grey phyllite.		415		<.002			
TR pyrite		49.5	51.0		Qtz 02	Minor siderite. TR brecciated qtz & carbonate.		416		.004			
TR oxidized pyrite		51.0	52.5		Qtz 20	TR chlorite. TR Limonitic/sideritic grey phyllite.		417		<.002			
TR pyrite, po		52.5	54.0		Qtz 10	TR siderite/Limonite w/ grey phyllite		418		.002			
TR pyrite, po		54.0	55.5		Qtz 10	- same as above.		419		.032			
TR pyrite, po		55.5	57.0		TR Qtz	- TR siderite		420		<.002			
TR pyrite, po		57.0	58.5		Qtz 05	- TR siderite		421		.003			
TR pyrite		58.5	60.0		Qtz 03	TR brecciated qtz & carbonate		422		<.002			
TR pyrite.		60.0	61.5		Qtz 01	Predominantly grey phyllite w/ TR siderite. TR sericite.		423		.015			
TR pyrite		61.5	63.0		TR Qtz	Grey phyllite w/ TR Limonite		424		.004			
TR pyrite		63.0	64.5		Qtz 01	- same as above.		425		.003			
TR finely diss. pyrite		64.5	66.0		Qtz 02	TR Limonite.		426		.002			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-144

 SHEET No. 4 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOLOG.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BL	Au	MAu	Other A
TR pyrite, po		66.0	67.5		Qtz 15	TR siderite. Qtz clear to cloudy white.		24 427		.003			
		67.5	69.0		Qtz 02	- Grey phyllite with TR siderite. TR sericite.		428		.003			
TR pyrite, po		69.0	70.5		TR Qtz	TR Limonite.		429		<.002			
TR pyrite, po		70.5	72.0		TR Qtz	- Homogeneous grey phyllite w/ TR Limonite		430		<.002			
TR pyrite, po		72.0	73.5		—			431		<.002			
TR pyrite, po		73.5	75.0		TR Qtz	TR sericite.		432		.004			
TR pyrite		75.0	76.5		Qtz 01			433		.003			
		76.5	78.0		Qtz 01	TR sericite. TR Limonite		434		.006			
TR pyrite.		78.0	79.5		Qtz 02	TR Limonite.		435		<.002			
		79.5	81.0		Qtz 01	Grey phyllite w/ TR Limonite/ Siderite		436		<.002			
TR pyrite, po		81.0	82.5		Qtz 01	TR sericite.		437		.003			
		82.5	84.0		TR Qtz	Minor Limonite.		438		<.002			
TR pyrite		84.0	85.5		TR Qtz	Homogeneous grey phyllite. TR siderite.		439		.005			

DIAMOND DRILL RECORD

 PROPERTY FRASERGOLD

 HOLE No. 90-144

 SHEET No. 5 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH. GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	AG	Au	MAu	Other A
		85.5	87.0		TR Qtz	TR Limonite / siderite.		24 440		<.002			
TR pyrite		87.0	88.5		TR Qtz			441		<.002			
TR pyrite.		88.5	90.0		-	Grey phyllite w/ TR siderite - Limonite.		442		<.002			
TR pyrite		90.0	91.5		-	Homogenous grey phyllite.		443		<.002			
TR pyrite.		91.5	93.0		Qtz 02	TR brecciated Qtz w/ carbonate TR sericite. TR Limonite.		444		<.002			
TR pyrite		93.0	94.5		Qtz 03	TR Limonite.		445		<.002			
TR pyrite		94.5	96.0		TR Qtz	TR sericite		446		.004			
TR pyrite / po		96.0	97.5		Qtz 05	Qtz TR sideritic.		447		.009			
TR pyrite / po.		97.5	99.0		Qtz 40	TR brecciated Qtz & carbonate. TR siderite.		448		.034			
TR pyrite as euhedral X-stals.		99.0	100.5		Qtz 20	- Minor brecciated Qtz & carbonate.		449		.041			
TR pyrite, po as blebs on phyllite.		100.5	102.0		Qtz 07	- TR siderite, Minor rusty Qtz.		450		.007			
		102.0	103.5		TR Qtz	- Grey phyllite w/ TR Limonite siderite.		451		<.002			
TR oxidized pyrite		103.5	105.0		/	TR sericite		452		.003			

DIAMOND DRILL RECORD

 PROPERTY FRASER GOLD

 HOLE No. 90-144

 SHEET No. 6 of 7

TEXTURE, ALTER'N. MINERALIZATION ETC.	GRAPH GEOL.	INTERVAL		LITH 1	LITH 2	DESCRIPTION	RECO- VERY	SAM- PLE No.	FA ASSAYS				
		FROM	TO						ME	BL	MAu	Other A	
TR pyrite, po finely diss. in phyllite		105.0	106.5	KD	/	Minor limonite, siderite		453		<.002			
TR oxidized pyrite		106.5	108.0		Qtz 01	Sideritic, Limonitic grey phyllite		454		<.002			
TR pyrite, po		108.0	109.5		Qtz 02	Qtz strongly sideritic / limonitic.		455		.003			
TR - 1/2 % oxidized pyrite		109.5	111.0		TR Qtz	- Minor siderite w/ phyllite		456		.008			
1 1/2 % pyrite, po		111.0	112.5		Qtz 02	- Qtz rusty / limonitic		457		.050			
TR oxidized pyrite		112.5	114.0		TR Qtz	- Grey phyllite w/ TR limonite / siderite.		458		.005			
TR pyrite, po		114.0	115.5		Qtz 50	TR sericite, TR siderite, Minor rusty Qtz.		459		.005			
1 % pyrite, po		115.5	117.0		Qtz 30	Qtz cloudy white to minor sideritic		460		<.002			
1 % pyrite, po		117.0	118.5		Qtz 30	Qtz predominantly cloudy white, TR sericite.		461		<.002			
2 1/2 % pyrite, po TR CPY		118.5	120.0		Qtz 10			462		<.002			
1 1/2 % pyrite, po TR CPY		120.0	121.5		Qtz 07	TR sericite - Tarnished sulfides.		463		<.002			
2 1/2 % pyrite, po		121.5	123.0		Qtz 05	Grey phyllite. TR sericite.		464		<.002			
TR pyrite, po		123.0	124.5	KP/CP?	Qtz 02	Strongly calcareous phyllite. TR SILTSTONE		465		<.002			

