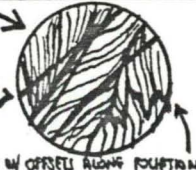
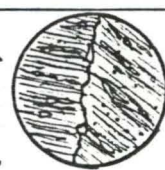




DEPTH	Lithology & Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton	STRUCTURE	SAMPLE NUMBER
5	45%	LATERITE : STRUCTURELESS BRICK-RED CLAY , w/ A FEW BULL QUARTZ PEBBLES  PYROPHYLLITE SCHIST (SAPROLITE) : WHITE TO LIGHT GRAY, WELL FOLIATED, HEAVILY WEATHERED; SOFT "GREASY" FEEL WHEN RUBBED BETWEEN THE FINGERS; RELICT FELDSPARS SEEN AS AUGEN, OFTEN REPLACED BY FeOx; NO Qtz, AUGEN SEEN, Qtz PRESENT IN X-CUTTING VEINLETS; FeOx ON FOLIATION SURF & FRACTURES; PEGMATITE PROBABLY THE FELDSPAR-Qtz CRYSTAL TUFT.	HYD WXLNG + FeOx  MUSNE + Na <sub>2</sub> O (PYROPH.)	PY ?		FOLIATION AT APPROX 40° TO CORE AXIS	70201  70202
15	90%	AS ABOVE	AS ABV	PY ?			70203  70204
25	98%	AS ABOVE, MnOx OR FRACTURES STARTS AT 22'  AS ABOVE, POSSIBLE TR CHLORITOID AT 26'  PYROPHYLLITE-CHLORITE SCHIST (SAPROLITE): PORPHYRITIC ANDESITE PEGMATITE, LT. TO MED. GRAY, LT. TAN RELICT PLAGIOCLASE PHENOS VISIBLE AT 28' (MAX 1/2 MM); STILL HEAVILY WEATHERED, SHEARED; HEAVY MnOx; ABRUPT CONTACT.	HYD WXLNG + FeOx + MnOx  HYD. MnOx	NO PY		FOLIATION AT 45° TO CORE AXIS	70205  70206
35	80%	AS ABOVE, BULL QUARTZ PEBBLES AT 36'	AS ABV.	NO PY			70207  70208
45	65%	BULL QUART VEIN, 41' TO 45', NO SULFIDES, MnOx ON FRACTURES  AS ABOVE	AS ABV + TR CHL	NO PY		FOLIATION (POOR) AT 20° TO CORE AXIS	70209  70210
55	90%	BULL QUARTZ VEIN, 52' TO 54', NO SULFIDES, MnOx ON FRACTURES  AS ABOVE, X-CUTTING Qtz-CLAY VEIN 1/4" THK. AT 58'	AS ABV	PY ?		FOLIATION AT 15° TO CORE AXIS	70211  70212
65	98%	AS ABOVE, PYROPHYLLITE-CHLORITE APPROX. EQUAL ABUNDANCE, RK. RELATIVELY WELL INDURATED. SEC OF CORE SHOWS "SCHLICHERN" TEXTURE FOR THE FIRST TIME.	+ CHL + PYROPH. + FeOx + MnOx +	PY ?			70213  70214
75	93%	AS ABOVE, FOLIATION CUT BY NETWORK OF VERY THIN PYROPHYLLITE STRINGERS (?) (< 1/8") @ SHARP ANGLE (15-20°)  PHLEBITIC PYROPH. STRINGER w/ OFFSET ALONG FOLIATION	Fe ABV	PY ?		FOLIATION AT 20° TO CORE AXIS	70215  70216
85	100%	AS ABOVE, CHLORITE PREDOMINANT OVER PYROPHYLLITE (SERICITE?); STILL PORPHYRITIC ANDESITE PEGMATITE  AS ABOVE, 1/4" THK Qtz-PYROPHYLLITE (SERICITE?) VEIN AT 88', Qtz. IN MIDDLE OF VEIN	AS ABV	PY ?			70217  70218
95	96%	AS ABOVE, AUGEN TEXTURE GRADUALLY APPARENT DOWN-HOLE; PHENOS OF PLAG. & Qtz-ALBITE CLOTS (?) ROLLED IN CHL-PYROPH. MATRIX TR FeOx DISSEM. SWIRLS THAT MAY HAVE BEEN PY	AS ABV.	TR PY		FOL. AT 30° TO CORE AXIS	70219  70220



DEPTH	Lithology & Recovery	DESCRIPTION	Alteration	Mineralization	Au oz/ton	STRUCTURE STD. 900	SAMPLE NUMBER 70221
105	98%	CHLORITE-PYROPHYLLITE SCHIST (CONTINUED): PORPHYRITIC ANDESITE PROTOLITH, EXTREMELY SHEARED & ALTERED, TR DISSEMINATED FeOx BOXWORKS & 1mm ACRES (PY?), FeOx & MnOx ON FRACTURES & FOLIATION SPCS, MINOR QTZ-PYROPHYLLITE (SERICITE?) VEINS & 1/4" WIDE; AUGEN TEXTURE CONTINUES	+PYROPHL CHL, ±PY ±SiO2	TR PY?		FOLIATION AT 25° TO CORE AXIS	70222
		As ABOVE, MnOx-COATED QTZ DRUSES ON FRACTURES    TO FOLIATION AT 107'; HV% PYROPHYLLITE AT 107' TO 108'	+FeOx +MnOx SERICITE(?)	TR PY?			70223
115	100%	As ABOVE, CONTINUED MnOx-FeOx COATED DRUSY QTZ, SINGLE-TERMINATED XLS < 1mm LONG	As ABV +SiO2	NO PY		FOLIATION PARALLEL TO CORE AXIS AT 111'	70224
		As ABOVE, 116'-118' ZONE OF COARSE AUGEN TEXTURE, POSSIBLE QTZ-FELDSPAR TUFF PROTOLITH, DIFFICULT TO CALL.				FOLIATION AT 20° TO CORE AXIS AT 115'	70225
125	93%	As ABOVE, STRONG PYROPHYLLITE ZONE AT 121'-122', ABRUPT END TO ZONE AT 45° ANGLE TO FOLIATION	As ABV ±SiO2	NO PY		FOLIATION AT 25° TO CORE AXIS	70226
	100%	As ABOVE, EXTREME SHEAR 128'-129' (MYLONITE), NO AUGEN PRESERVED, MYLONITE AT 25° TO CORE AXIS; NEBULECTIC QTZ. ZONE W/ PURPLE STAIN (FLUORITE?) - MINOR AMT.				BROKEN FOLIATION	70227
		As ABOVE, AT 129' FOLIATION IS "BROKEN", IT CHANGES ABRUPTLY TO SOME DRUSY QTZ IN VUGS AT BREAK, ANGLE OF BREAK IS 15°		TR PY?			
135	35%	As ABOVE, 2" BULL QTZ. VEIN AT 130'					70228
		As ABOVE, MYLONITE ZONE APPROX 131'-134'	As ABV	TR PY?		MYLONITE ZONE AT 20° TO CORE AXIS	
	100%	As ABOVE, ROCK TEXTURE LOOKS LIKE THE FLASER BRECCIA FOUND IN YJC-1, FOLIATION CUTS THROUGH THE BX, & HAS USUALLY BEEN FOLDED INTO OPEN, SYMMETRICAL FOLDS W/ 1 CM WAVELNGTH. FOLD AXIS ≈ 10° TO CORE AXIS, FOLIATION AT 25°. TR-1% VFG DISSEM. PY.		TR-1% PY		FOLDED FOLIATION HERE.	70229
		As ABOVE, QTZ CONE AT 132'-139' W/ PYROPHYLLITE, POSSIBLE FUCHSITE? SMERGED ALONG FOLIATION, SMERGED PY		TR-1% PY			
145	100%	As ABOVE, PURPLISH COLOR TO RK STARTING ≈ 141'	As ABV	TR PY		FOLIATION AT 30° TO CORE AXIS	70230
	88.5%	DIKE, DACITIC, W/ VFG TAN-BROWN GROUNDMASS, W/ PLAGIOCLASE PHENO LIKE NEEDLES, SOME 1mm x 3mm, RKL'S MASSIVE & UNFOLIATED; NO APPARENT CONTACT EFFECTS, APPEARS TO CUT C.R.    TO FOLIATION.					70231
		As ABOVE, NUMEROUS QTZ VEINS (MAX 1/4" THK.) BETWEEN 146'-149', W/ PY, & PURPLE STAINING, VEINS ARE SHEARED &    TO FOLIATION	+SiO2	1-2% PY			
155	99%	As ABOVE, COLOR NOW DR. PURPLISH GRAY (CHLORITE-SERICITE?), NO QTZ VEINS ≥ 1/4" THK, FEW FEW	As ABV, MINOR FeOx	TR PY		FOLIATION AT 20° TO CORE AXIS	70232
		As ABOVE, MINOR SHEARED, DARKEN, SUCROSLIC QTZ. VEIN 1/4" THK AT 161'					70233
165	85%	As ABOVE, TR-3-4% BRIGHT GREEN (FUCHSITE?) AND PINK (ZOLSITE) PRESENT, SHEARED W/ THE C.R.	As ABV MINOR +FeOx	NO PY			70234
		FELDSPAR-QUARTZ CRYSTAL TUFF: MAX 10% PHENOS OF PLAGIOCLASE & FELDSPAR-QUARTZ CLUSTS UP TO 2mm DIA. IN DR. PURPLISH-GRAY, STRONGLY SHEARED CHLORITE-PYROPHYLLITE (SERICITE?) MATRIX, STREAKS OF BRIGHT GREEN (FUCHSITE?) AND DULL PINK (ZOLSITE) COMMON; DISSEM. FeOx BOXWORKS WITH-PY DISSEM. PROMINANTLY, CLUSTS UP TO 2mm ACROSS.		3-4% PY		FOLIATION AT 25° TO CORE AXIS	70235
175	90%	As ABOVE, RE. SOMEWHAT LESS SCHISTOSE - ZONE OF MASSIVE REPLACEMENT SIMILAR TO THAT SEEN IN YJC-1, W/ FELDSPARS REPLACED BY QTZ-ALBITE(?) MASSIVE PY SEEN ON SHEAR/FOLIATION SURFACES & IN DISSEM. FeOx BOXWORKS.	As ABV			FOLIATION AT 20° TO CORE AXIS	70236
				2-3% PY			70237
185	100%	PYROXENE DIABASE DIKE, FG BLACK, PHENOS OF PYROXENE + PLAGIOCLASE MICROLITES, STRONGLY MAGNETIC, UNFOLIATED.	As ABV				70238
		As ABOVE, ZONE OF INCREASED FUCHSITE(?) CONTENT 188'-190'; QTZ-FELDSPAR CLUSTS TO 2mm DIAMETER W/ FeOx		3-4% PY		POOR FOLIATION AT 20° TO CORE AXIS	70239
195		As ABOVE, 1/8" VEIN QTZ-EPIDOTE W/ BEARLY "PYROCLASTIC" APPEARANCE DUE TO SHEARING; THIS IS COMMON THROUGHOUT THE D.K.	As ABV.	3-4% PY		POOR FOLIATION ≈    TO CORE AXIS	70240
							70241



DEPTH	Libology & Recovery	DESCRIPTION	Alteration	Mineralization	Au oz./ton	STRUCTURE STD. 80	SAMPLE NUMBER 70242
205	96%	FELDSPAR-QUARTZ CRYSTAL TUFF (CONTINUED): UNRIMBLY SHEARED, ALBEN TEXTURE COMMON THROUGHOUT; AS ABOVE, THREE $\frac{1}{4}$ " BAREEN Qtz VEINS (STRAIGHT, X-CUTTING FOLIATION) AT 205'; FeOx Bxwks still common (2.4%), BUT NO DISCERNABLE PYRITE.	CHLORITE + PYROPHY. (SERICITE?) ± SiO <sub>2</sub> ± FUCHSITE? ± FeOx ± MnOx	TR PY (?)		VERY POOR FOLIATION AT 15° TO CORE AXIS	70243 70244
215	100%	AS ABOVE, FUCHSITE (?) STRINGERS    TO FOLIATION 207'-210'	AS ABV	TR PY (?)		POOR FOLIATION	70245 70246
225	98%	AS ABOVE	AS ABV	TR PY (?)		MODERATE FOLIATION AT 20° TO CORE AXIS	70247 70248
235	95%	AS ABOVE, RR IS HIGHLY SHEARED FROM 233' TO 237', 15-20% OF RR COMPOSED OF DULL PINK (ZOISITE?) ZONES SHEARED ALONG FOLIATION, & UP TO 5% LT. GREEN (FUCHSITE?). FeOx Bxwks. w/ DISCERNABLE PI.	AS ABV NO MnOx	2-3% PY		FOLIATION AT 10° TO CORE AXIS	70249 70250
245	97%	AS ABOVE, RR HIGHLY SHEARED, PHENOS ± FeOx Bxwks 45% OF RR (PROTO-MYONITE).	AS ABV	TR ± PY?		FOLIATION AT 20° TO CORE AXIS	70251 70252
255	92%	AS ABOVE, ADDITIONAL SILICIFICATION IN SOME MINOR BAREEN VEINS & SOME PERVASIVE, STARTING AT 253'	AS ABV + SiO <sub>2</sub>	TR PY?		FOLIATION AT 20° TO CORE AXIS	70253 70254
265	99%	AS ABOVE, ADDITIONAL SILICIFICATION CONTINUES; $\frac{1}{8}$ " VEGS w/ DENSE Qtz. AT 264' AS ABOVE, VEG SHEARED, DISSEM. PY.	AS ABV + SiO <sub>2</sub>	TR PY? TR 1% PY		FOLIATION AT 20° TO CORE AXIS	70255 70256
275	98%	AS ABOVE, SILICIFICATION CONTINUES & IS INCREASING DOWN-HOLE; Qtz-EPIDOTE-ZOISITE(?) VEINS + PERVASIVE SILICIFICATION STARTING AT 276'	AS ABV + SiO <sub>2</sub>	TR 1% PY		POOR FOLIATION AT 25° TO CORE AXIS	70257 70258
285	100%	AS ABOVE, FEATURE w/ DENSE Qtz (BONED XLS) & VEG DISSEM. PY (?)	AS ABV + SiO <sub>2</sub>	TR PY	1-2% PY	POOR FOLIATION AT 10° TO CORE AXIS	70259 70260
295	100%	AS ABOVE, CHASTS TO 2" w/ SiO <sub>2</sub> STOCKWORK AT 297'-300' FURTHER IN SHEARED MATRIX	AS ABV + SiO <sub>2</sub>	TR PY		POOR FOLIATION AT 20° TO CORE AXIS	70261 70262
		T.D. 300'				STD. 900	70263

YJC-2

Job number: NE144-87	Update : 0
Geologist : Shepard, R	Assistant:
Project : T004	Samples : 63
Certificate numbers:	
ATA RECEIVED AT LAB: 120987	
Transmission date: 121887	Format: C Print columns: 132
Input report: NEG144	Output file: RNEG144
Comments:	
SECOND COLUMN OF GOLDS ARE REPLICATES	
Note: all values are reported in ppm unless stated otherwise above.	
GCRPT version: 1.3 copyright (C) S.A.Moreno, 1983 Sn: IBMxxxddmM	



Northeast  
Geochemical And  
Assay Co.  
198 Main Street  
Yarmouth, ME 04096  
207/846-4673

YJC-2

Element : Gold Gold  
 Analysis Code: F1  
 Implied units: ppm ppm

YJ70201 R 0.038 -----  
 YJ70202 R 0.019 -----  
 YJ70203 R 0.022 -----  
 YJ70204 R 0.018 -----  
 YJ70205 R 0.019 -----

YJ70206 R 0.004 -----  
 YJ70207 R 0.006 -----  
 YJ70208 R 0.012 -----  
 YJ70209 R 0.005 -----  
 YJ70210 R 0.006 -----

YJ70211 R 0.010 -----  
 YJ70212 R 0.005 -----  
 YJ70213 R 0.020 -----  
 YJ70214 R 0.004 -----  
 YJ70215 R L 0.002 0.005

YJ70216 R L 0.002 -----  
 YJ70217 R 0.016 -----  
 YJ70218 R 0.004 -----  
 YJ70219 R L 0.002 -----  
 YJ70220 R 0.003 ----- *2x 1.000000*

YJ70221 R L 0.002 ----- *← stnd.*  
 YJ70222 R 0.002 -----  
 YJ70223 R 0.002 -----  
 YJ70224 R L 0.002 L 0.002  
 YJ70225 R L 0.002 -----

YJ70226 R L 0.002 -----  
 YJ70227 R L 0.002 -----  
 YJ70228 R 0.019 0.015  
 YJ70229 R 0.010 -----  
 YJ70230 R 0.399 ----- ?

YJ70231 R 0.003 -----  
 YJ70232 R 0.006 -----  
 YJ70233 R 0.006 -----  
 YJ70234 R 0.002 -----  
 YJ70235 R 0.002 0.002

YJ70236 R L 0.002 -----  
 YJ70237 R L 0.002 -----  
 YJ70238 R 0.003 -----  
 YJ70239 R L 0.002 -----  
 YJ70240 R L 0.002 ----- *← standard*

YJ70241 R L 0.002 -----  
 YJ70242 R 0.042 ----- *← stnd.*  
 YJ70243 R L 0.002 -----  
 YJ70244 R L 0.002 -----  
 YJ70245 R L 0.002 L 0.002

YJ70246 R L 0.002 -----

-----  
 Element : Gold Gold  
 Analysis Code: F1  
 Implied units: ppm ppm  
 -----

YJ70247	R	L	0.002	-----
YJ70248	R	L	0.002	-----
YJ70249	R		0.007	-----
YJ70250	R		0.012	-----
YJ70251	R	L	0.002	-----
YJ70252	R		0.010	-----
YJ70253	R		0.027	-----
YJ70254	R		0.003	-----
YJ70255	R		0.009	0.013
YJ70256	R		0.007	-----
YJ70257	R		0.006	-----
YJ70258	R	L	0.002	-----
YJ70259	R		0.002	-----
YJ70260	R		0.002	-----
YJ70261	R		0.005	-----
YJ70262	R		0.058	0.043
YJ70263	R		0.013	----- ← std.

Listing Statistics:

Element name	Sym- bol	Anal. code	Total vals.	Element name	Sym- bol	Anal. code	Total vals.
Gold	(AU)	F1	63	Gold	(AU)		63



--- Quality Codes ---

Most reporting laboratories use the following quality codes to flag the 'quality' of a geochemical measurement:

- L = less than the limit of detection
- G = greater than the limit of detection
- H = interference
- S = insufficient sample
- N = undetected
- Z = value forthcoming on a later report
- Q = detection limit on a small sample and 'H' above
- X = analysis not requested
- M = detection limit on a small sample

These codes may not be accurate for some laboratories.  
Consult the Laboratory if you have any questions.

----- End of Listing -----

3925  
27°30"

3924

3923

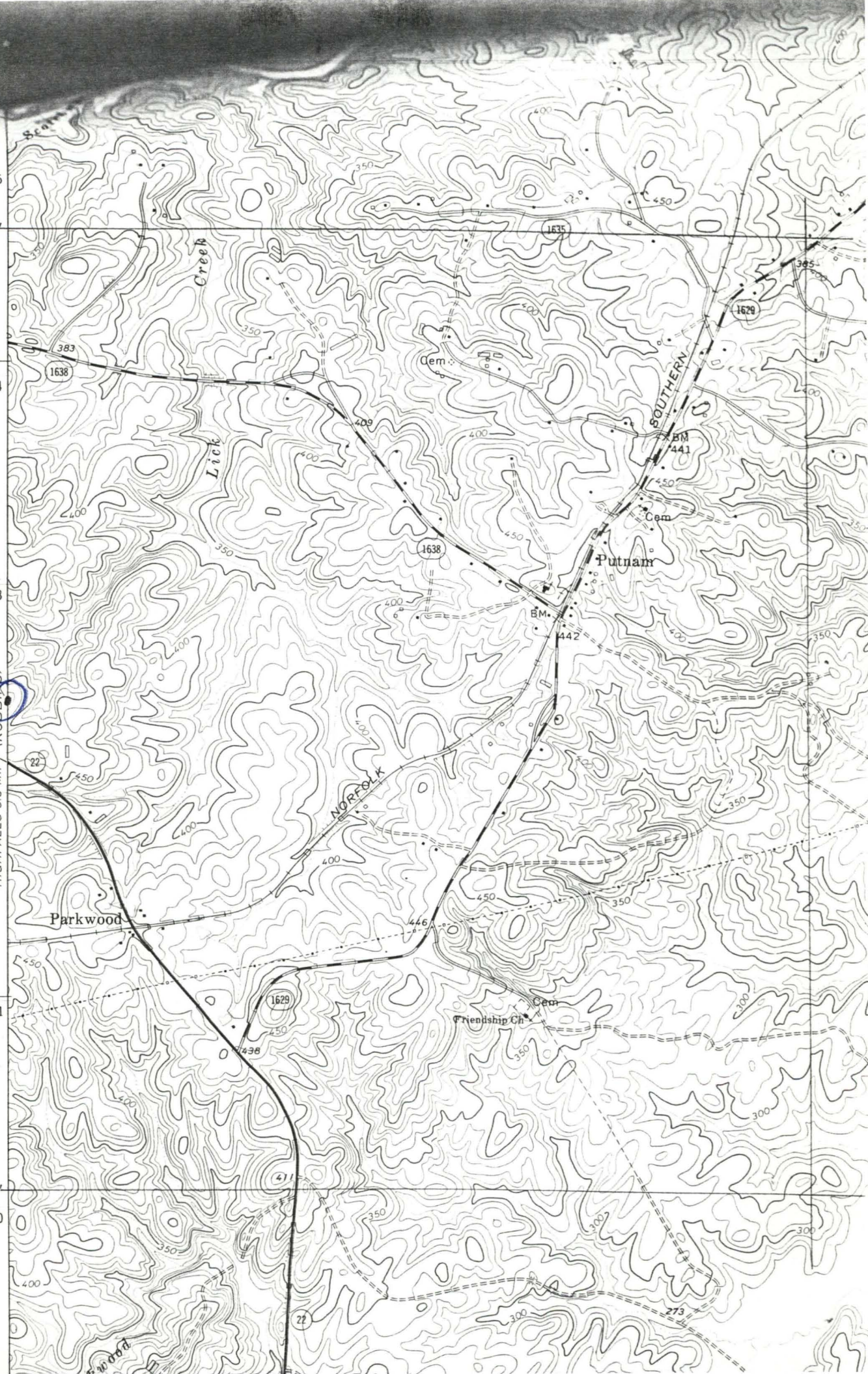
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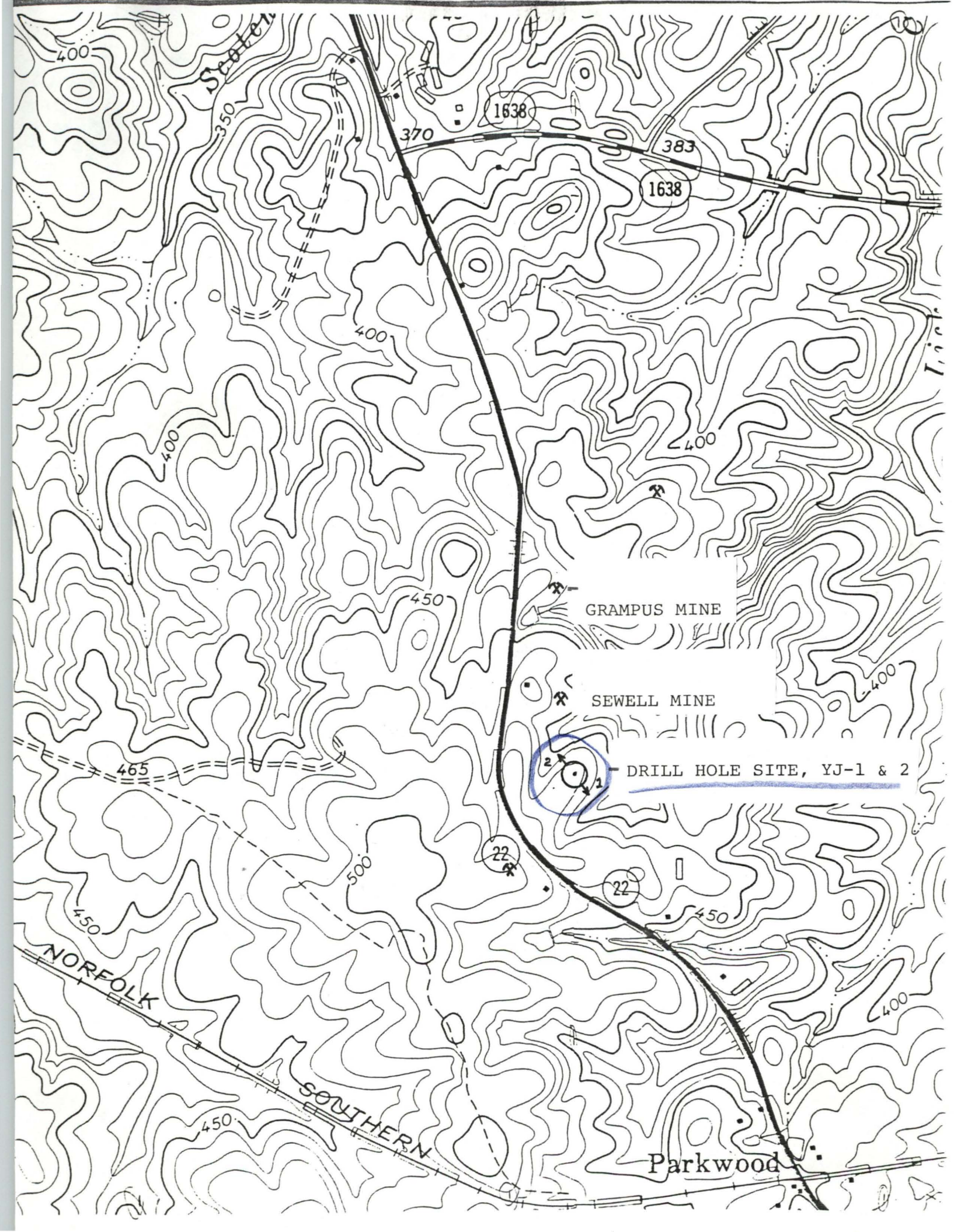
25  
3920

RAMSEUR 25 MI. 50° NE  
HIGHFALLS 3.8 MI. (ROBBINS)

MO-C-1-87  
MO-C-2-87

PUTNAM  
7.5'





SEABOARD

400

350

370

1638

1638

383

400

400

400

450

GRAMPUS MINE

SEWELL MINE

465

DRILL HOLE SITE, YJ-1 & 2

22

22

450

500

450

NORFOLK

SOUTHERN

450

Parkwood

400

# DRILL HOLE SUMMARY, YJC-2

MO-C-2-87

