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DIAMOND DRILL RECORD

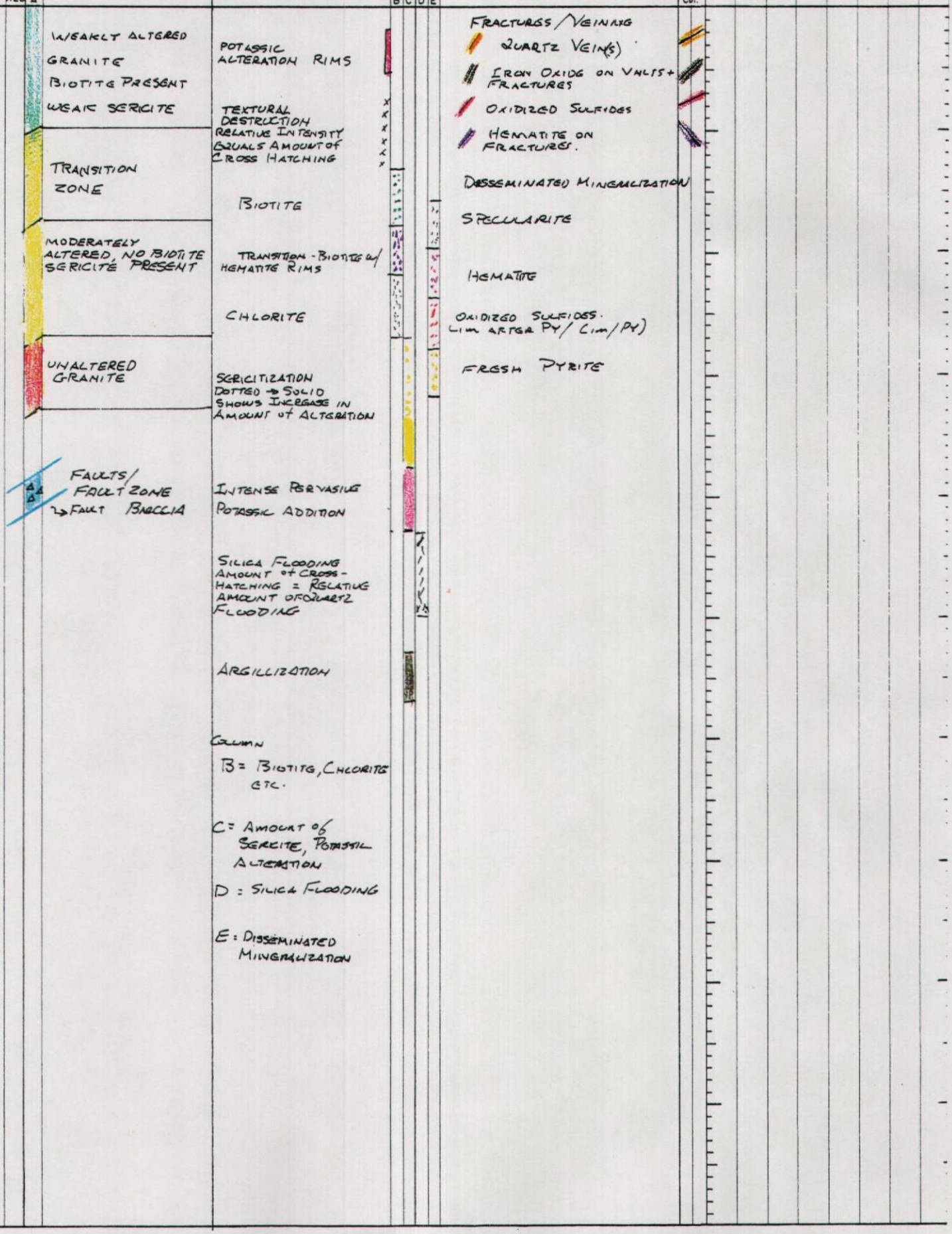
HOLE NO. _____

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL - LOGGING EXPLANATION SHEET.

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by M.A. MILLER Scale 1" = 10' Sheet _____ of _____

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	CORE ASSAYS



COLUMN

B = BIOTITE, CHLORITE ETC.

C = AMOUNT OF SERICITE, POTASSIC ALTERATION

D = SILICA FLOODING

E = DISSEMINATED MINERALIZATION

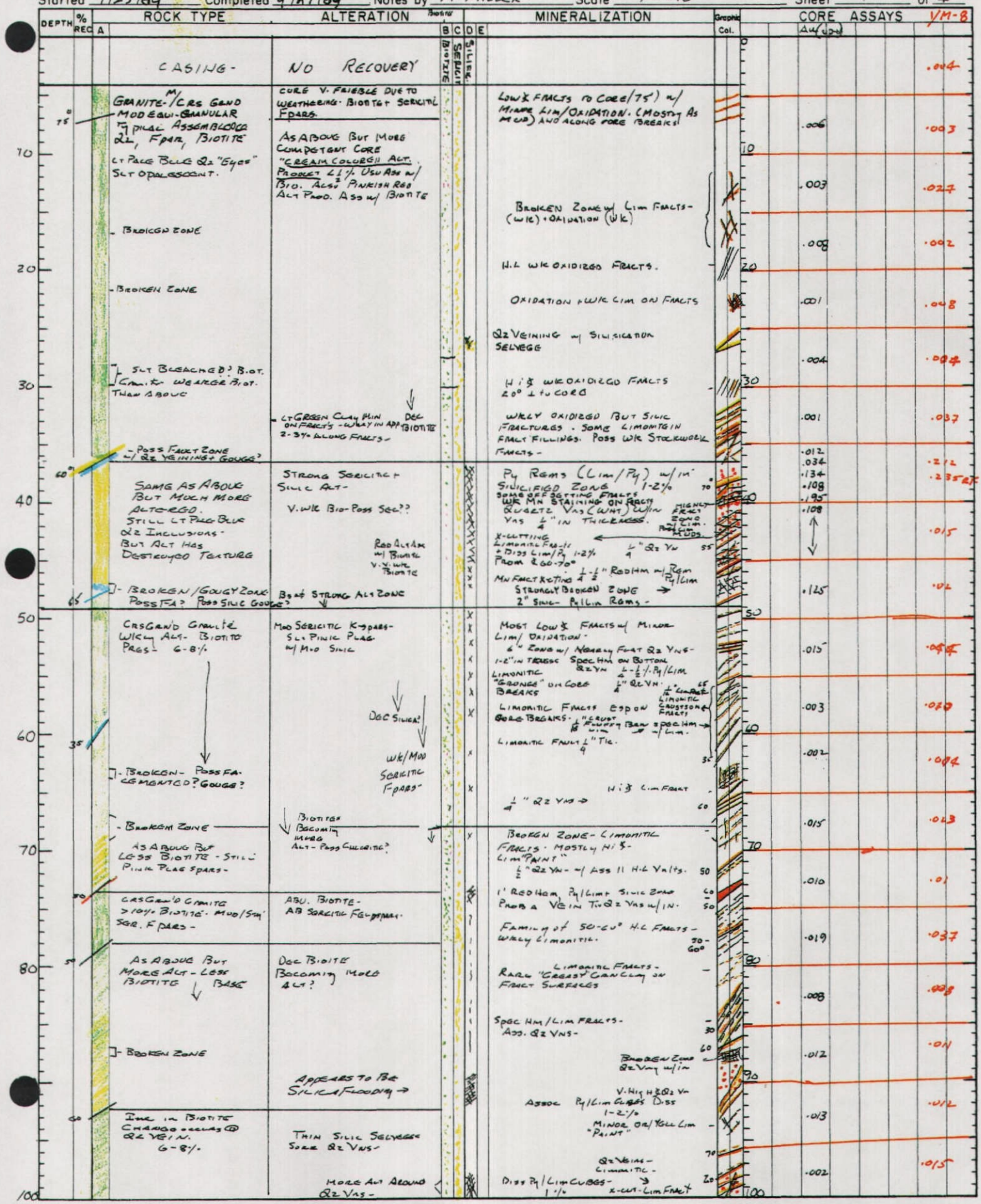
DIAMOND DRILL RECORD

HOLE NO. Y-DD11-1

Coord. 101,715 N 49740 E Elev. 4957 PROPERTY YARNELL PROJECT

Bearing - Inclination VERTICAL Depth 350' LOCATION YM-8 REVERSE CIRCULATION LOCATION

Started 9/25/89 Completed 9/27/89 Notes by M. MILLER Scale 1" = 10' Sheet 1 of 4



DIAMOND DRILL RECORD

HOLE NO. Y-DDH-1

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 2 of 4

DEPTH	% REC	A ROCK TYPE	ALTERATION	B	C	D	E MINERALIZATION	Graphic Col.	CORE ASSAYS Au (opt)	
110	50	← CONTACT ON QZ VN 8-10% BIOTITE	BIOTITE STILL PRESENT - FELDSPARS SERICITIC SOFT (SERICITE)	SILICA FLOODING →			H.C QZ VNLTS ASS W/ LIMONITE AS FILL.	100	.001	.004
	50	LESS BIOTITE - MORE CHLORITIC/ALT 3% - XENOLITH @ 109'	SILICA FLOODING GYP AROUND QZ VNS SELVEDGE.	SILICA FLOODING ASSN W/ QZ VN.			PY/LIM ASS W/ SILIC ENT QZ VEINING - SULFIDES MAINLY RESTRICTED TO QZ VNS - TR <1/8" QZ VNS →		.006	.01
		MOD BIOTITE THRU PINK INTERVAL 4-5%	MOD/STRONG SERICITE ON FELDSPARS.				EARTHY YELLOW BRN LIMONITE FRACTS W/ SPEC HM - INCREASING SPEC HM ASS W/ EARTH YELL BRN LIM	110	.001	.01
							X-CUTTG 35-70° FRACTS W/ MINOR LIM LOCALLY SPEC HM		.039	.033
120			POSS QZ FLOODING BUT WK				2" LIM FILLED FRACTURE SPEC HM VNLTS W/IN. ∥ QZ VNS → ½" TR - LIMIT PY VOINS ASS W/ QZ VNS - SOME MINOR X-CUTTG VNS. 7/FT - X-CUTTG SPEC HM VNLT OPEN LIM FRACT	120	.050	.005
							LOW % QZ VNS CUTTG LIMONITIC FRACTS (OPEN) + OPPOSITTING LIMONITIC FRACTS ¼" OPEN LIMONITIC FRACT →		.004	.011
130		AS ABOVE - WEAKER BIOTITE 2% BIOTITE MORE CHLORITIC	STRONG SILICA FLOODING - ASSN W/ QZ VNS - BIOTITE → PARTIALLY TO CHLORITE				PY/LIM AT CONTACT → ABU QZ VNING + SILICIFICATION → POSS 2' QZ VN - PY/LIM 2-3% DISS W/IN. SOME X-CUTTG QZ VEINING ∥ QZ VNS 8/FT → W/R LIMONITIC STOCKWORK → FAULT ZONE 6" GOUGE →	130	.016	.047
		- C" GOUGE ZONE FAULT?					LIMONITIC FRACTS/ THIN VNS W/R LIMONITIC STOCKWORK. PRIMARY DIP IS +/- 70° BRECCIATED QZ VN		.013	.017
140		- BROKEN ZONE - PROB MYLONITIC RAPAKI	V.V.F.G BIOTITE →					140	.020	.006
		1" MYLONITE ZONE					LIMONITIC FRACTS - X-CUTTING			
		1" XENOLITH - V.FG. SCHIST??	SILICA FLOODING PATCHY BIOTITE ENRICHMENT				2-4 QZ VNS/FT.		.011	.004
150		CONTACT ON QZ VEIN.	REMNANT OF SLT. ALT BIOTITE GRADE - SCHIST.					150		
		ABUND. BIOTITE CONTACT ON TR QZ VN.					QZ VNS W/ PY/LIM RIMS 1% SULFIDES.		.010	.02
		MOD/STRONG ALT - TEXTURE IS MOSTLY DESTROYED. FEW REMNANTS OF UNALT ROCK W/ BIOTITE INCLUDED W/IN.	PINKISH ALT ASS W/ BIOTITE	BIOTITE PATCH SILICA FLOODING -			X-CUTTING FRACT'S - 6" QZ VN W/ SULFIDES (OAIO) 2-3% PY/LIM CUBES DISS SULFIDES, ASSN W/ QZ VNS.		.021	.043
160			WK BIOTITE W/IN INTERVAL				2-3 QZ VNS/FT DISS PY SULFIDES 1-2%	160		
			BIOTITE ↓				SPECULAR FRACT. LIMON. HC + QZ VNS + FRACTS		.058	.008
			CHLORITIC FEW PATCHES OF REM FRESH BIOTITE				½" GOUGE ZONE ½ QZ VEINING W/ SULFIDES ASS. W/ QZ VEINING		.016	.047
170			PRO B CHLORITE				EARTHY BROWN LIMONITE → SPECULAR HEMATITE ON FRACTS LIM. FRACTS →	170		
			TR REM V.F.G. BIOTITE				X-CUTTING + CUT OFF QZ VNS - POSS 2 STAGES OF QZ? OVERSETTING MOLYMINITE ON FRACTS BOTH ON QZ VNS + LIM. FRACTS.		.017	.014
							LIMONITIC QZ VNS + LIM IN FRACTS		.021	.016
180							V. MINOR OX SULFIDES ALONG QZ VNS.	180		
		- GOUGY ZONE 6-8"					2" QZ VN V.V FINE DISS OX BLEBS - EST 1% OX SULFIDES (PY CASTS) LIMONITIC VNLTS -		.023	.029
		- BROKEN GOUGY ZONE SLICKENSIDES W/IN ZONE					FAULT BRECCIA? GOUGE MINOR SPEC HM VNLTS W/R/MOD LIMONITE - QZ VN FRAGS W/ DISS SULF (OX)		.019	.004
			W/R BIOTITE PATCHES MOST CHLORITIC -				SPECULAR DISS ALONG FRACTS/ SOME W/ QZ FRESH PY DISS. OX FRACTURE REDDISH MATIC STAINING	190	.017	.004
200							PRIMARY PY (FRESH) ASSN W/ QZ VNS. TR MALACHITE W/ QZ VNS; 1/8 VNS/FT AS PY W/ QZ VNS	200	.067	.019

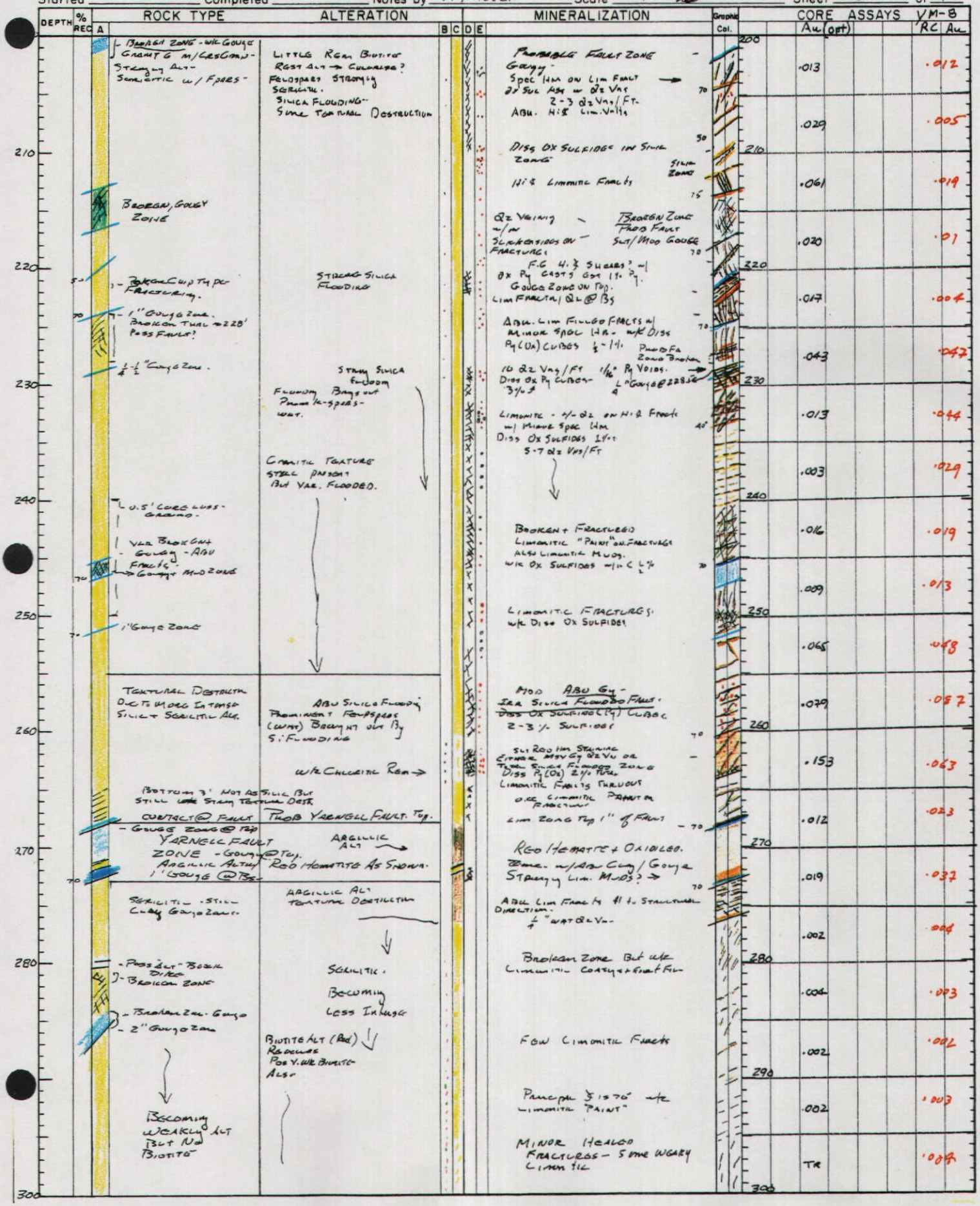
DIAMOND DRILL RECORD

HOLE NO. Y-DDH-1

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by M. MILLER Scale 1" = 100' Sheet 3 of 4



DIAMOND DRILL RECORD

HOLE NO. Y-DDH-1

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL

Bearing - Inclination VERT Depth 350' LOCATION YM-8 R.C LOCATION

Started _____ Completed _____ Notes by M. MILLER Scale 1" = 100' Sheet 4 of 4

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	CORE ASSAYS Au (OPT)
		Granitic Looking But Poss More Chloritic	W/Mod Sep- Tn Biotite	Oxidation Occurs Only Around Fracts & Vnlts- Fresh Py on Fracts- 60° Dip Prom. Direction	.001 .004
		Approx BS Oxide Zone			
		Poss Diff Rock Type More Chloritic Less Overall Silica But Still Wearly Altered. Greenish Tint to Rock.	Little Silica Flooding		.001 .003
310			Dec Alt.	1/16" Qz Vein Rare Ox Py- w/in Ox Zone of Fract	TR .005
		Chloritic-Greenish Tint-		Wk Diss Py (Fresh) Few Oxid Fracts	TR .003
320		← Tr Opalescent Qz-	4-6% Biotite		
		Biotite Reappears-			NIL .005
				Healed Clean/Wkly Oxidized Fracts-	TR .004
330				Tr Diss Py- Vn Fine Cubes Usually Ass w/ Biotite Sites To TD 70	TR .003
				Tn Limonitic Fract 70	NIL .005
340				Oxidized Fracts- No Limonite	
			Change to Red Maroon Biotite Alt Product Poss Edge of Lower Alt. Zone To TD	Overall Inc in Oxidation + Fracturing- Notable Inc.	.001 .002
				Spec Hm Fract → Tr Diss Spec Hm	TR .002
350					

TD @ 350'

DIAMOND DRILL RECORD

HOLE NO. YDDH-2

Coord. 100,507 N 49510 E Elev. 5024 PROPERTY YARNELL

Bearing _____ Inclination _____ Depth 400 LOCATION TWIN TO YM-40

Started 9/29/89 Completed 10/8/90 Notes by M. MILLER Scale 1"=10' Sheet 1 of 4

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	CORE ASSAYS
		0-3' CASING - BIOTITE GRANITE M/CRS GRN'D. 5-8% BIOTITE LOC AS CLOTS → 2-3mm IN SIZE.	NO RECOVERY. WK → MOD (W DEPTH) GREENISH FELDSPARS - SERICITIC?	ABU OXIDIZED FRACTS + CORE BREAKS - PROB SURFACE OXIDATION. DIPS RANGE FROM 50-70° ON CORE BREAKS.	20 60	.002 .004
10		- Broken Zone. - BROKEN ZONE	INCREASING RED ALT ASS W/ BIOTITE	BROKEN ZONE W/ WK OXIDATION ALONG FRACTS		.040 .002 .033 .003
20	60		< ½% OVERALL	TR < 1/16" QZ VEINS → SLT LIMONITIC FRACTURE ~ ¼" TR. BROKEN + FRACT - MINOR LIM - TR OX FRACT W/ MINOR QZ - TR GOUGE ZONE?	60 70 30 40 40 60	.025 .002 .003 .01
30		AS ABOVE BUT INC IN BIOTITE 10%+	INC IN RED ALT - (HEMATITE REPLACEMENT)	1/16" LIMONITIC MUD ZONE? POSS. FAULT? FRACTURED - TR LIMONITE	35	.003 .009
				TR Py/LIM CUBES -	60-70°	.001 .003
40		- Broken Zone.	KSPAR XLS - SERICITIC ON RIMS BECOMING LESS ALT → INTERIOR.	CORE BREAKS - V. MINOR LIMONITE		TR .002
				LIMONITIC FRACTURE	50	.001 .013
50		DEC IN BIOTITE < 3%. TRANSITION ZONE	INC IN HM REPLACEMENT @ BIOTITES; INC IN SERICITE	MUD + LIMONITE AS GLAZE ON FRACT. Py/LIM CUBES - LITTLE RED HM ON FRACT.		.009 .002
			HM REPLACEMENT ~ 3% SILICA FLOODING POSS. POTASSIC ALT - W/IN SILIC ZONE	1" QZ VN - M GY IN COLOR	70	.002 .004
60	50	1' GOUGE ZONE PROB FAULT.	POSS MOD SILICA FLOODING	4-5 FRACTS/FT. SLT/MOD LIMONITIC 1" QZ VEIN - M. GY	50° 80	.002 .007
		HI BIOTITE ZONE 10%+ BIOTITE		POSS GOUGE ZONE →	70	.006 .021
70		MOD BROKEN ZONE	GRADUAL CHARGE FROM BIOTITE → CHLORITE	RED HM SPOTTING ON FRACTURE SURFACES. 1" GY QZ VEIN → SPEC HM BEGINNING TO REP BIOTITE. ¼" GY QZ VEIN →	70 70	.002 .004
		MOD/STRONG BROKEN ZN. 3" GOUGE ZONE		6-8 FRACTS/FT - LITTLE LIM. ½" GY QZ VEIN 3" GY QZ VEIN	50° 70 70	.005 .003
80		PROB FA ZONE GOUGE Y - GRANULAR RECOVERY.		FAULT W/ GY QZ VEIN AS SHOWN 3" QZ VEIN.	70 50	.012 .022 .005 .001 .010 .088
			POTASSIC RIMS AROUND QZ VEINS	QZ VN PSEUDO STOCKWORK PINK POTASSIC RIMS AROUND QZ VEINS ASS. FRACTS W/ LIMONITE	60-70°	.005 .005
						TR .003
			POTASSIC RIMS AS ABOVE	∥ to SUB ∥ QZ VEINS (GY IN COLOR) ASS LIM W/ QZ VEINS SME X-CUTTY.	60+°	.002 .003
100						.013 .002

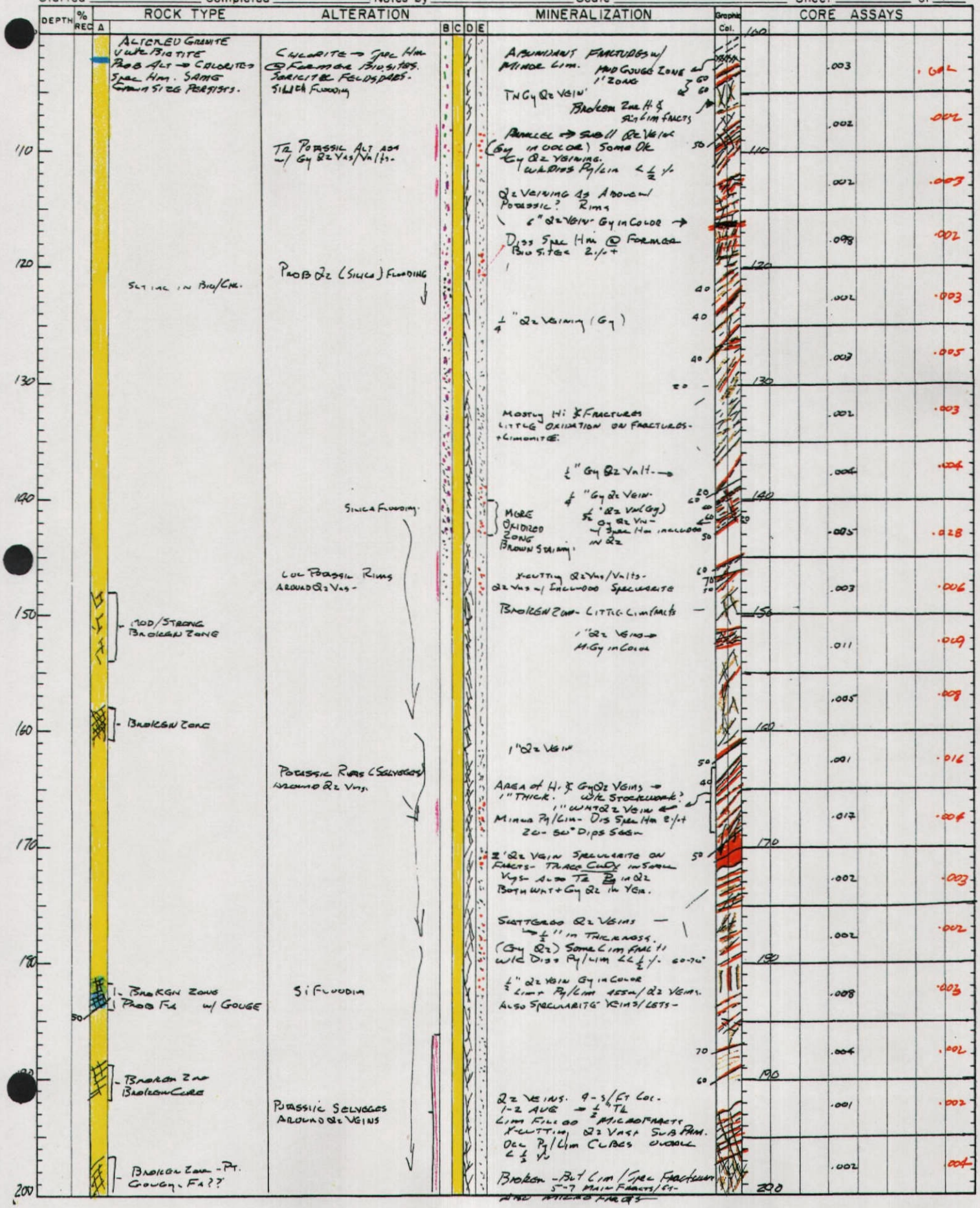
DIAMOND DRILL RECORD

HOLE NO. Y-001-2

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 2 of 4



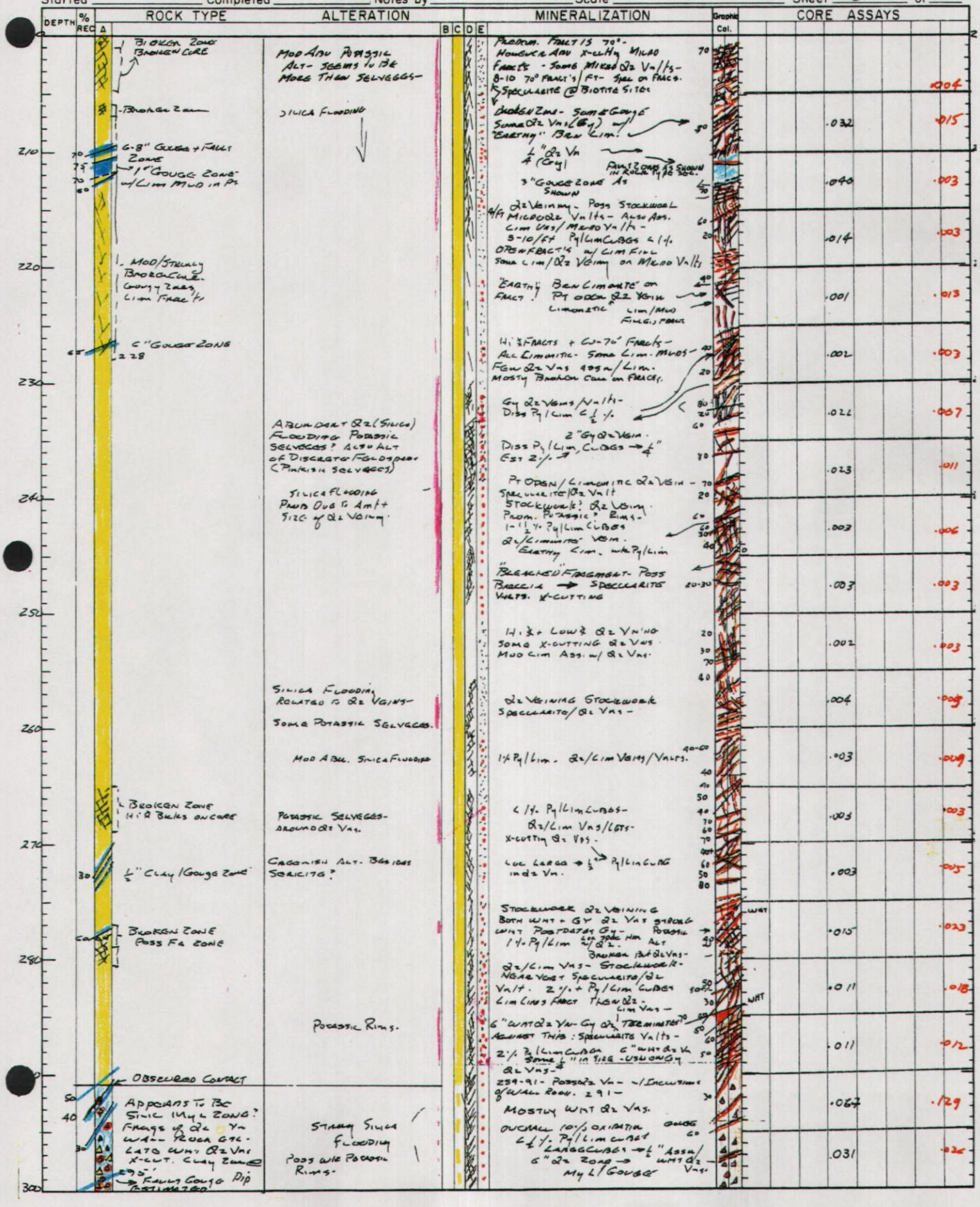
DIAMOND DRILL RECORD

HOLE NO. YDDH-2

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 3 of 4



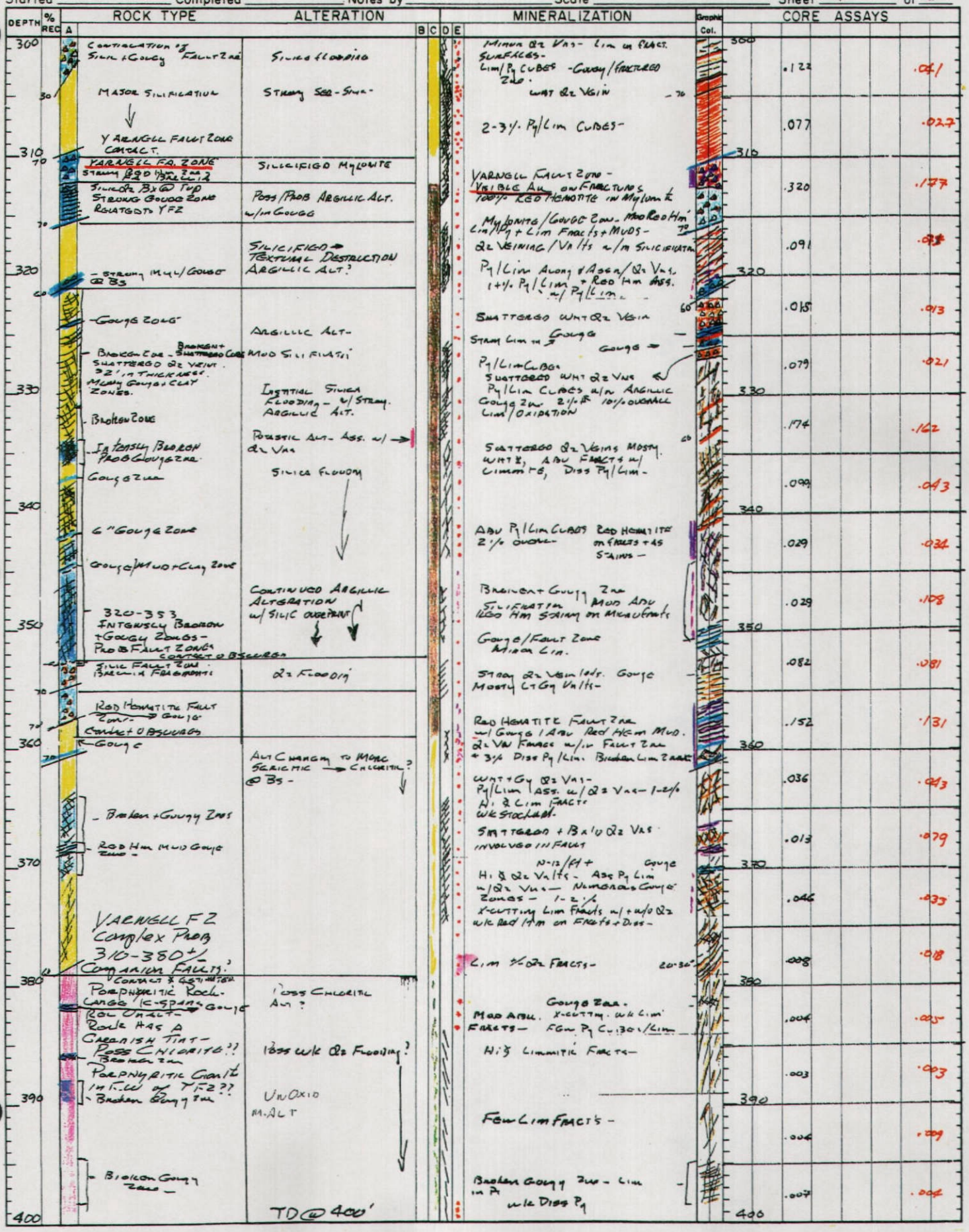
DIAMOND DRILL RECORD

HOLE NO. YDDH-2

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale _____ Sheet 4 of 4



DIAMOND DRILL RECORD

HOLE NO. Y-DDH-3

Coord. 100,316 N 49723 E Elev. 5045 PROPERTY Yarnell

Bearing — Inclination -90 Depth 325 LOCATION Twin to YM-63 25' N65°E

Started 10/9/89 Completed 10/13/89 Notes by M. Miller Scale 1"=10' Sheet 1 of 4

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	CORE ASSAYS	R.C. YM-63
		0-6' CASING	No Recovery		Aw (opt)	.002
		Biotite Granite, M/Crs Gr'd, Equigranular. 10-15% Biotite	W/k Sericitic Sheen on Feldspars -	H.L Limonitic Fracts	.004	.001
10		Soft Prob Sub Oxid	Red Alt Rims Around Biotite 1-2% (Hm Replacement?) Poss Inc ↓	4-5 Fracts/Ft w/ Wk Lim	.001 .002 .001 .016 .004	.057
		Broken Decomposed Zone	Mud Sericite on Feldspars -		.005	.003
20			→ More Competent Core Poss V. W/k Silica Flooding	½" Qz Vn Gy in Color 70	.007	.004
	50°	Prob Fault / Qz Vein Zone - Biotite Arsen Gouge + Broken Zone	Poss Silica Flooding -	Py/Lim Localized in Qz & Some in Groundmass.	.070	.038
30	70	Biotite Granite As Above w/ 25-30% Biotite & Strong Biotite Rock is Weakly Decomposed Past 36'	W/k Sericite on Feldspars -	6" Qz Vein Few Py/Lim Cubes - 80	.003	.002
		↓ Biotite Inc → 25-30% +		W/k Limonitic Fracts 3+/Ft	Tr	.005
40				~70°	.001	.004
			Tr Red Alt w/ Biotite Less Biotite Around Qz Veins	Thin Mud Filled Fract. Lim Mud?? - 50	Tr	.005
50	70	As Above But Contact Picked on Inc? in Silica (i.e. More Competent Core) Significant Inc in Qz Vns - ½" Fault.	Reappearance of Red Alt Prod. w/ Biotite Inc in Amt of Sericite in Feldspars Becoming More Prominent. Wker Biotite, Prob Becoming Chloritic	50 ¼" Qz Vn → ½" Fault w/ Gouge Sulfide. 70 40	.008	.002
	70	(Description indicates w/k Alteration Typ of Transition Zone)	15-20% Biot?/Chloritic Transition Zone Poss Silica Flooding Moderate	Family of M/Gy Qz Vns - Low Wkly Limonitic - 3-4 Vns/Ft. Qz Vn w/ Spec Hm → 70	.006	.015
60		Xenolith	SER Inc ↓	Tr Spec Hm w/ Qz 1" Qz Vn Wht Vn → 70	.036	.011
					Tr	.042
70		Broken, Muddy Zone		Zone of Hi% Fractures Mostly Mud Filled However Some Lim. Fill. 4-6 Fract/Ft	.002	.005
		Broken Zone		20-30°	.001	.002
80		Broken Zone				
		Mud - High Fract Zone w/ Internal Areas of "Crumbled" Core Many Hi% Fractures w/ Mud + Lim Mud Fill.		Tr Qz Vn 70 Tr Jarosite? on Lim Fract.	.001	.014
	75	Broken Ox Zone Poss Fault	Slt Inc in Biotite Red Alt Ass w/ Biotite ↓	Broken / 1" Qz Vns - M Gy in Ox Zone / Color Some Bx'd Vns 75 75	.001	.004
				As Above - W/k Spec Hm	Tr	.005
		Large → ¼" Qz Phenocrysts		½" Qz Vn - M Gy → 60	.004	.003
100						

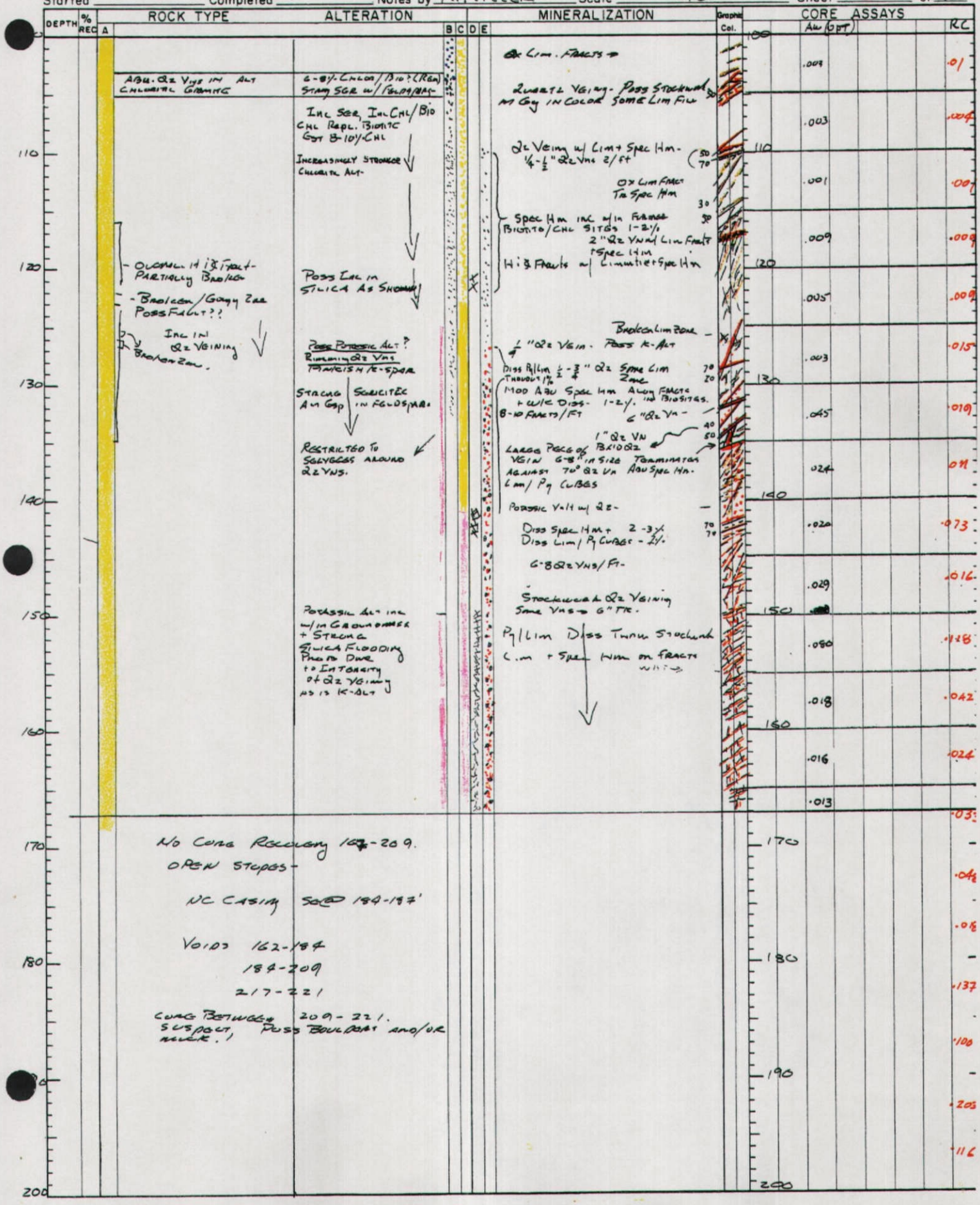
DIAMOND DRILL RECORD

HOLE NO. YDDH-3

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL

Bearing _____ Inclination _____ Depth _____ LOCATION TWIN TO YM-63

Started _____ Completed _____ Notes by M. MILLER Scale 1" = 10' Sheet 2 of 4



NO CORE RECOVERY 167-209.

OPEN STOPES -

NC CASING SET 189-197'

VOIDS 162-184

184-209

217-221

CVRG BETWEEN 209-221. SUSPECT, POSS BOULDERS AND/OR MUCK.

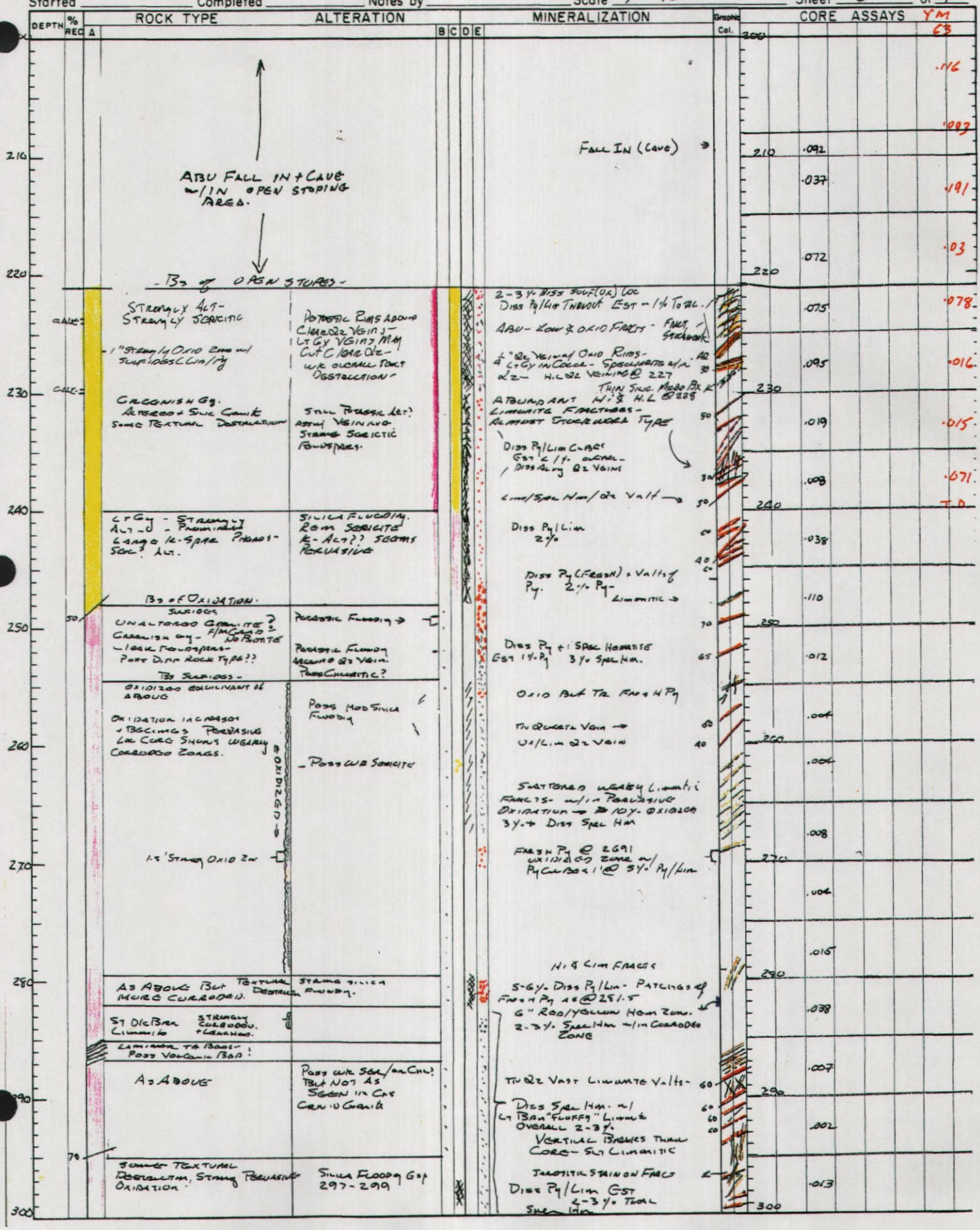
DIAMOND DRILL RECORD

HOLE NO. V-DDH-3

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by _____ Scale 1"=10' Sheet 3 of 4



DIAMOND DRILL RECORD

HOLE NO. 4-DDH-3

Coord. _____ N _____ E Elev. _____ PROPERTY _____

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by M. MILLER Scale 1" = 10' Sheet 4 of 4

DEPTH	% REC	A ROCK TYPE	ALTERATION	B	C	D	E	MINERALIZATION	Graphic Col.	CORE ASSAYS
		Seemingly Alt- Pervasive Oxidation Both on Fracts + Initial						Family of 40° Lim/Spec Hm Fractures - + Diss Spec Hm.		300 .002
	70	Greenish Gy - Poss Diff Rock Type From Granite @ Top of Hole - Chloritic?	Chloritic ? Pervasive ↓					Diss Spec Hm Thrust + 1-2%. Moo Aw Limonitic Fractures Some X-cut Hm - Pseudo Stockwork. 6-8/ft	90	.001
310										310 TR
320										TR 320 .003
		TD @ 325'								

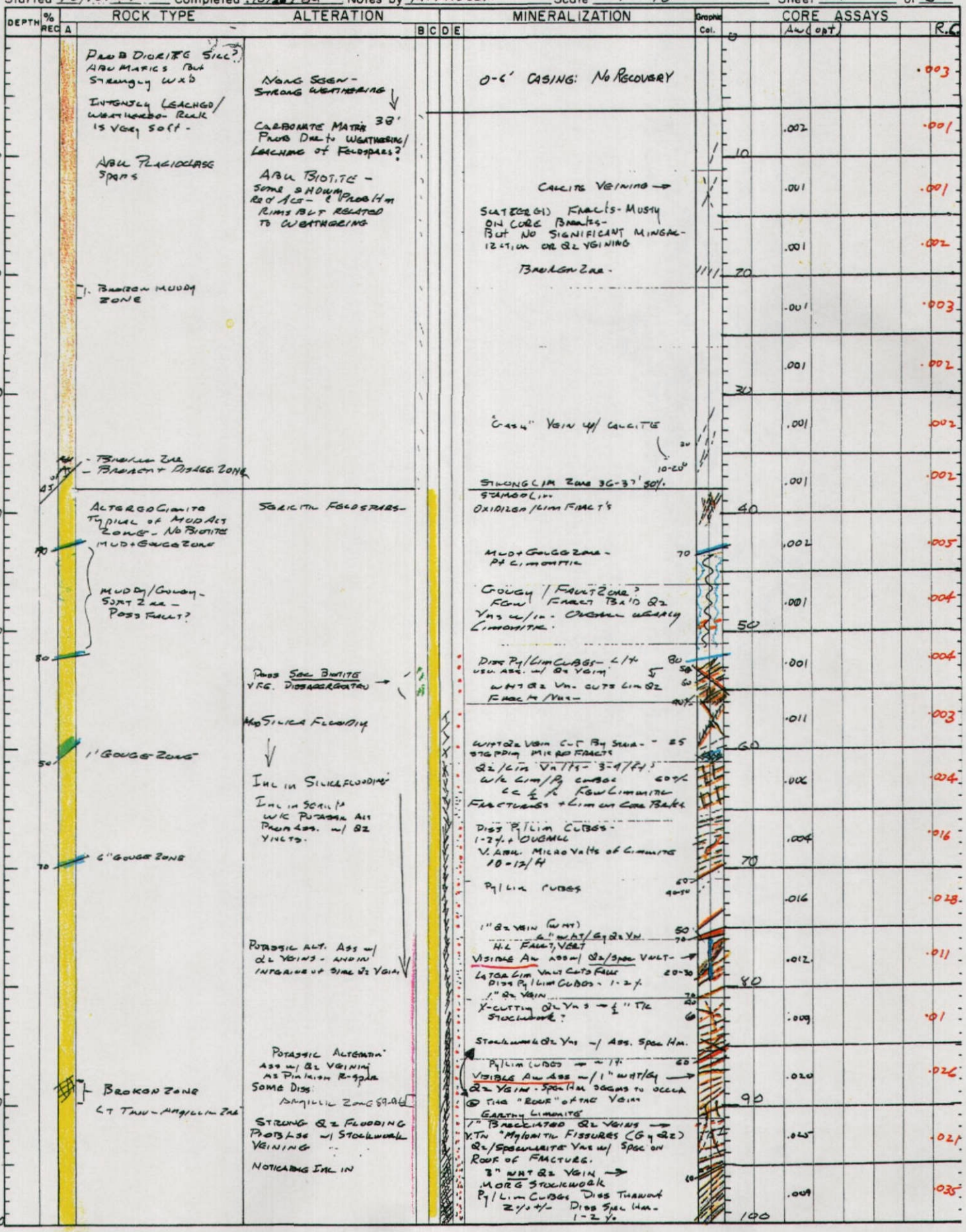
DIAMOND DRILL RECORD

HOLE NO. YDDH-4

Coord 100/100 N 49224 E Elev. 4880 PROPERTY YARNELL

Bearing — Inclination -90° Depth 220' LOCATION TWIN TO YM-75

Started 10/16/89 Completed 10/18/89 Notes by M. MILLER Scale 1"=10' Sheet 1 of 3



DIAMOND DRILL RECORD

HOLE NO. YDDH-4

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL PROJECT

Bearing _____ Inclination _____ Depth _____ LOCATION _____

Started _____ Completed _____ Notes by M. MILLER Scale 1"=10' Sheet 2 of 3

YM-75

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	CORE ASSAYS Au (opt)
100			CONTINUED SERICITIC ALT " SILICA FLOODING " POTASSIC ALT EVIDENT IN DISCRETE FELDSPARS.	Py/Lim CUBES - DISS THRUT MOD ABUND Qz VEINS / Lim + Lim VEINS - DISS SPECULARITE/Lim w/ SPECKS Z/+ CONTACT. 2-3% Py/Lim @ 102-103 CUBES → ½" WHT/Gy ½" Qz VN → 50		.071	.037
		Hi Z BROKEN ZONE		FAR BOULDERING STOCKWORK Gy Qz VEINING 2% Py Lim ASSOC w/ Qz VNS DISS SPECULARITE (BLACK MINERAL) x-CUTTY LIMONITIC VNLTS - 60		- MnOx Dendrites .095	.062
110		DISCRETE K-SPAR AS FELDSPAR x/s ¼" PINK RIMS AROUND Qz VNLTS -		DISS Py/Lim CUBES - Hi Z FRACTS - LIMONITIC Qz FRAGS w/in Hi Z Limonitic Zone		.076	.064
120		Qz VEINS DOL BUT SILICA FLOODING SOME		FRACTS AS SHOWN - LIMONITIC ALSO DISS. Py/Lim - AMTS of DISCRETE Qz VEINING DECREASES.		.067	.026
		- SLIGHTLY LOST ALT° Qz VEINING - MGY IN COLOR. THE GOUGE ZONE M/Brn.	SILICA FLOODING	DISS Py/Lim AGAIN 30-60° 20 ALONG Qz VEINS - 40 LIMONITIC VNLTS? FRACTURES 1' Gy VUGGY Qz VEIN →		.021 MnOx MIX - MASS FOR	.047
130	50 60			Lim VNLTS - 50 FOM Py/Lim 20 1" Hi Z Qz VEIN LOOKS LIKE BX ZONE - VN BX? GY Qz VEIN		.190	.067
	40	BROKEN GOUGY ZONE PROB FAULT	SILICA FLOODING	LIMONITE / ½-Qz Lt BROWN Lim.		.021	.088
		LOOKS LIKE A SILIC. BX. SILICIFICATION SEEMS TO HAVE TIED ALL FRAGMENTS TOGETHER. BRECCIATION IS STRETCHED ROUNDED -	POTASSIC ALTERATION AROUND Qz VNS/VNLTS. - POSS REL? TO Qz FLOODING	BROKEN - MOD/LIMONITIC FAULTS 40 SPOTTY - SPEC Hm - ¼ / + Py/Lim ON FRACTS & CUBES - 1%+		MnOx MIX .026	.006
140		GOUGE ZONE 140 - 140.5 LIMONITIC GOUGE	SERICITIC ALT PERSIST.	BRECCIA CONSISTS of Qz VEIN WHICH HAVE BEEN BROKEN + FRACTURED MOD Lt Brn LIMONITE LATER LIMONITIC VNLTS THAT CUT BRECCIA. PERVASIVE THROUT. BRECCIA ZONE IS CUT BY LATER FAULTS SHOWN AS GOUGE ZONES.		.022	.043
	60-70	CONTACT OBSCURED				.045	.138
150		YARNELL FAULT ZONE STRONG LT YELLOW GOUGE CLAY ZONE TOP 2.0' 1' STRONG RED Hm w/ 2" SILICA (Qz) "CAP" Hm AS MUD/CLAY		40-50° Lim / RED Hm MUD. / CLAY ZONE AS DESCRIBED.		.045	.138
	65	CONTINUATION OF BX BUT MORE INTENSELY ALT.	WEAK ALT - PROB ARGILLIC	Qz VN / Lt FRAGS - w/in BX		.155	.118
	50	GOOD SHR/Fa CONTACT		SHATTERED Qz Vn			
		157	STRONG ARGILLIC ALT	- BOTTOM of OBVIOUS Lim/Py CUBES		.125	.110
160	30-60	STRONGLY ALTERED TEXTURAL DESTRUCTION VERY GUIDED POSS BRECCIATION	↓ TEXTURE DESTRUCTION	BRECCIA CONTINUES? MOD → STRONG LIMONITIC - FRACTURING / VEINING + VNLTS - ½-1%/Ft MOSTLY AS LOW ∠ FRACTURES / VNLTS FRUX SEEMS TO "TRAVEL" AWAY FROM FRACTURES - CREATING A SELVAGE around FRACTURE.		.020	.051
		- TEXTURAL DESTRUCTION					
		BROKEN, CLAY / GOUGY ZONE					
		- STRONG GOUGE CLAY ZONE - PROB FAULT.		- THE MN DENDRITES ON FRACTURE SURFACES.		.018	.095
170				STRONG GOUGE ZONE w/ ABU. CLAY / MUD GOUGE BROKEN FRAGS - POSS BX?			
	30	174	POTASSIC RIMS?			.111	.01
		- HEAVY SILICA PERVASIVE LIMONITIC	SEEMINGLY AROUND Qz VNLTS and LIM VNLTS	BROKEN / GOUGY ZONE - MOD LIMONITIC ALONG FRACTS -			
		CONTACT OBSCURED.		ABU Hi Z LIM VNLTS ±/- Qz FOM V. SMALL Py/Lim CUBES ∠∠ ½/+ ; SPECULARITE VN - POSS 2ND MNOX AS DENDRITES -		.047	.01
180		CHANGE IN ROCK OR ALT -	POSS. PROPYLITIC ALT -	Hi. SACCHARITE Qz/SERICITIC VNLT → 50			
		PINKISH FELDSPAR - ROCK MORE PORPHYRITIC 10-12 ½ PINK K-SPARS	GREENISH TINT - CHLORITIC? LOOKS LIKE BLEACHING in Intrusive	POSS SPECULARITE IN GRAIN BOUNDARIES MNOX - ON FRACTS -		.001	.027
				ABU. GASH VEINS MOSTLY WELL HEALED VNS 3-6/FT OF CALCITE		TR	.018
				VOM AS SPECULARITE AS DISS + ASSOC w/ VNLTS - 25 5-6% FOM 2% Py.			
190						.007	.02
			CHLORITIC ZONES AROUND VNLTS -	1-3% Py AS RIMS + DISS. 30 40			
			CARBONATE ALT - GOOD FIZZ	10% SPECULARITE AS MICRO VNLTS THROUT 70 CALCITE VNLTS →		.004	
200				Py X/S IN ½" BNM 10% SPECULARITE / Hm →			

DIAMOND DRILL RECORD

HOLE NO. YDDH-4

Coord. _____ N _____ E Elev. _____ PROPERTY YARNELL PROJECT

Bearing _____ Inclination _____ Depth 220' LOCATION _____

Started _____ Completed _____ Notes by M. MILLER Scale 1" = 10' Sheet 3 of 3

DEPTH	% REC	ROCK TYPE	ALTERATION	MINERALIZATION	Graphic Col.	CORE ASSAYS (Au opt)
		DEFINITE FABRIC IS EVIDENT BY LINEATION of FELDSPARS +/- 45° Dips SEE	- BLEACHED ZONE w/ LIM/ SPEC HM.	CALCITE VNLTS GASH VEINS 1/4" WHT Qz VEIN	45	200 Tr
				LIM/ SPEC HM. X-CUTTING FRACT'S		
				SILIC ZONE 6' TK.		Tr
210		FABRIC	CALCITE/ CARBONATE GASH VEINING	1/8" LIM VNLT @ BS →	30	210
40+/-				VN - w/ LIM	35	TR
					20	
				LIM/CALCITE VNLT	20	.002
220						220

TD @ 220'

FRACTURES SEEM TO STEEPEN BELOW YFZ.
FROM 50-70° → 20-40°+/-