ATTACHMENT 4E

Well Completion Report

Well Completion Report Form DWR 188 Auto-Completed 7/12/2021 WCR2021-005628

Owner's Well Number	1	Date Work Began	03/24/2021	Date v	vork Ended	04/30/2021	
Local Permit Agency	Humboldt County Department of Hea	— alth & Human Services	- Land Use Program				
Secondary Permit Agency Permit Number 20/21 -0761					Permit Date	03/04/2021	
Well Owner (m	ust remain confidential pu	Planned Use and Activity					
•	XXXXXXXXXXX	Todant to Trator	0000 10702)		ew Well		
Mailing Address XX	×××××××××××××××××××××××××××××××××××××××			Planned Use		upply Irrigation -	_
X	XXXXXXXXXXXXXXXX			Flailled USE	Agricultur		

XX

XXXXX

Zip

State

Well Location										
Address	47730	Mattole RD							APN 107-054-036	
City H	oneydew			Zip	95545	County	Humb	ooldt	Township 02 S	
Latitude	40	15	34.477	Ν	Longitude	-124	6	57.798 W		
-	Deg.	Min.	Sec.		-	Deg.	Min.	Sec.	Section 31 Baseline Meridian Humboldt	
Dec. Lat.	40.2595	57696			Dec. Long.	-124.116	055		Ground Surface Elevation	
Vertical Da	atum			Н	orizontal Datu	ım WGS8	34		Elevation Accuracy	
Location A	Accuracy		I	 _ocatio	n Determinati	on Method			Elevation Determination Method	

Borehole Information										
Orientation Ve	ertical		Specify							
Drilling Method	Drilling Fluid	Air								
Total Depth of Boring 200 Feet										
Total Depth of C	Total Depth of Completed Well 200 Feet									

City XXXXXXXXXXXXXXXXXXXX

Water Lev	el and	d Yield	of Completed	d Well					
Depth to first water	;	51	(Feet below surf	ace)					
Depth to Static			_						
Water Level	43	(Feet)	Date Measured	04/30/2021					
Estimated Yield*	40	(GPM)	Test Type	Air Lift					
Test Length	4	(Hours)	Total Drawdown	149 (feet)					
*May not be represen	*May not be representative of a well's long term yield.								

	Geologic Log - Free Form							
Depth from Surface Feet to Feet		Description						
0	1	Top Soil						
1	24	Brown Sand Stone						
24	33	Silty Clay, Sand						
33	47	Basalt (Rock) Floater						
47	63	Brown Fractured sandstone & Blue Fractured Sandstone						
63	181	Shale Mulache						
181	200	Fractured Shale						

	Casings										
Casing #	• 1 ·		Casing Type	Material	terial Casings Specificatons		Outside Diameter (inches)	Screen Type	Slot Size if any (inches)	Description	
1	0	50	Blank	Low Carbon Steel	Grade: ASTM A53	0.188	6				
1	50	63	Screen	Low Carbon Steel	Grade: ASTM A53	0.188	6	Milled Slots	0.032		
1	63	180	Blank	Low Carbon Steel	Grade: ASTM A53	1.88	6				
1	180	200	Blank	Low Carbon Steel	Grade: ASTM A53	0.25	6				

	Annular Material										
Depth from Surface Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description						
0 20 Bentonite		Bentonite	Other Bentonite		Sanitary Seal						
20	200	Filter Pack	Other Gravel Pack	3/8 inch	Pea Gravel						

Other Observations:

	Borehole Specifications							
Depth Surf Feet to		Borehole Diameter (inches)						
0	200	10						

	Certification Statement								
I, the under	I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief								
Name	FISCH DRILLING								
	Person, Firm or Corporation								
	3150 JOHNSON ROAD	H١	DESVILLE	CA	95547				
	Address		City	State	Zip				
Signed	electronic signature received C-57 Licensed Water Well Contracto		05/07/2021 Date Signed		33865 ense Number				

Attachments
Location Map.pdf - Location Map

DWR Use Only									
CSG#	State W	ell Number		Site Code Local Well N					
			N					w	
La	titude De	g/Min/Sec		Lor	gitud	de Deg	/Min/Se	ec	
TRS:									
APN:									
	La TRS:	Latitude De	CSG # State Well Number Latitude Deg/Min/Sec TRS:	CSG # State Well Number N Latitude Deg/Min/Sec TRS:	CSG # State Well Number Site Code N N Latitude Deg/Min/Sec Lone TRS:	CSG # State Well Number Site Code N Latitude Deg/Min/Sec Longitude TRS:	CSG # State Well Number Site Code Local Number Numb	CSG # State Well Number Site Code Local Well Number	

Well Completion Report

WCR Form - DWR 188 Complete 06/19/2017 WCR2017-001202

Owner's Well Numb	er V	Well #1		Date Work Began 0	4/18/201	7		D	ate W	ork Ended	04/18/2017
Local Permit Agenc		ımboldt County Dep	artment of Health & F	luman Services - Land Use					_		
Secondary Permit A	Agency			Permit Number –	16/17-0	453			Pern	nit Date	11/02/2016
Well	Owne	r (must remain	confidential purs	suant to Water Code	13752	2)		ı	Plan	ned Us	e and Activity
Name XXXX	XXXXXX	XXXXXXXXX						Activity	1	New Well	
Mailing Address	XXXX	xxxxxxxxxx	XXX					Planned	Use	Water S	upply Domestic
City XXXXXX	City XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX										
				Well Locat	tion						
Address 4773	30 Mattole	RD					APN	107-0	54-03	5	
City Honeydew	/	Z	ip 95545	County Humboldt			— Towns	hip 02		S	_
Latitude			N Longitude			W	Range	01		E	
Deg.	M	in. Sec.	20.19.100	Deg. Min.	Sec		Sectio	n 31			
Dec. Lat.			Dec. Lo	ong.				ne Meridi		Humboldt	
Vertical Datum			Horizontal Datu	ım WGS84				d Surface ion Accur		ation -	_
Location Accuracy	y	Loca	tion Determination Me	ethod					-	on Method	_
		Borehole II	nformation			Wa	ater Le	vel an	d Yi	eld of C	Completed Wall
Orientation Ve	ertical			Specify			st water			(Feet be	low surface)
Drilling Method		Direct Rotary	Drilling Fluid	Air		th to Sta			/ =		
					Water Level (Feet) Date Measured Estimated Yield* (GPM) Test Type						
Total Depth of Bo	ring 2	250	Fe	et		Length	_		_	urs) Total [• • • • • • • • • • • • • • • • • • • •
Total Depth of Co	mpleted V	Vell 20	Fe	et		•		tative of a	_	long term	
				Geologic Log - F	ree F	orm					
Depth from	ı			Occiogic Log - i	1001	01111					
Surface	Desc	cription									
Feet to Feet	Tana	:1									
0 20 20 250	Tops	Soli / Sandstone									
20 250	Gley	Saliusione									
				Casings	3						
Casing Depth		Casing Type	Material	Casings Specifications		'all	Outside	Scree		Slot Size	Description
# Surf						kness hes)	Diameter (inches)	Туре	•	if any (inches)	
1 0	20	Blank	Stainless Steel	N/A	0.1	188	8				
				Annular Ma	terial						
Depth from				7 1111 1111 1110	·						
Surface	Fil	II Fill Type	Details			Filter	Pack Size	•	Des	cription	
Feet to Feet O 20 Pontonito Non Hydrotod Pontonito									2/0 1	Hole Plug	
0 20 Bentonite Non Hydrated Bentonite 20 250 Other Fill See description.									_	nnular Fill	
		233 400							1 ,		
Other Observati	ions:										

	Borehole Specifications				
Su	th from rface to Feet	Borehole Diameter (inches)			
0	20	12			
20	250	7.875			

Certification Statement							
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief							
Name WATSON WELL DRILLING							
	Person, Firm or Corporation						
	500 Summer Street	Eureka			CA	95501	
	Address			St	ate	Zip	
Signed	electronic signature received C-57 Licensed Water Well Contractor		04/24/2 Date Si		C-57	1014048 License Number	

Attachments
WellReport_05222017_1_20170619_091403.pdf - WCR Final

DWR Use Only						
Site Number / State Well Number						
N						
Latitude Deg/Min/Sec	Longitude Deg/Min/Sec					
TRS:						
APN:						

Well Completion Report

WCR Form - DWR 188 Complete 06/19/2017 WCR2017-001203

						WOI\2017-00	1203						
Owner's V	Well Numb	er	Well #2			Date Work Began 04	/17/201	7		D	ate W	ork Ended	04/17/2017
Local Per	mit Agenc	y H	umboldt Cour	nty Depa	artment of Health & H	luman Services - Land Use	Progran	m					
Secondar	y Permit A	Agency				Permit Number	16/17-04	153			Perm	nit Date	11/02/2016
	Well	Owne	r (must re	main d	confidential purs	suant to Water Code	13752)		F	Plan	ned Us	e and Activity
Name	Name XXXXXXXXXXXXXXXXXX								Activity	N	lew Well		
Mailing	Address	XXXX	(XXXXXXXX	(XXXXX	(XX					Planned	Use	Water S	upply Domestic
		XXXX	(XXXXXXXXX	(XXXXX	ХХХ						•		
City _	XXXXXX	(XXXXX)	XXXXXXX		Si	tate XX Zip		XXXX					
						Well Locat	ion						
Address	s 4773	30 Mattol	e RD						APN	107-05	4-035	;	
City	Honeydev	v		Zi _l	p 95545	County Humboldt			Townsh	nip 02		S	
Latitude)				N Longitude			W	Range	01		E	
	Deg.	_ <u>_ </u>	Min. S	ec.	3	Deg. Min.	Sec	<u>. </u>	Section				
Dec. La	ıt.				Dec. Lo					e Meridia		Humboldt	
Vertical	Datum				Horizontal Datu	ım WGS84				Surface on Accura		ition -	
Location	n Accurac	у		Locati	ion Determination Me	ethod					•	on Method	
										2010			
	Borehole Information Water Level and Yield of Completed Wall												
Orientat	tion Ve	ertical				Specify	Dept	h to firs	to first water (Feet below surface)				
Drilling	Method		Direct Rotary	v	Drilling Fluid	Air	Dept	h to Sta	atic			_	
				,				er Level			_ `	eet) Date M	
Total De	epth of Bo	rina	310		Fe	et		nated Y	_			PM) Test T	
	epth of Co	_)	Fe		1	Length	representa	4:6 -	-	urs) Total E	
	.,	,					<u> </u>		representa	alive or a	Wells	long term	yielu.
David.		I				Geologic Log - F	ree F	orm					
-	th from rface	Des	scription										
Feet	to Feet												
0	2	Тор											
2	310	Gre	y Sandstone										
						Casings	;						
Casing	Depth		Casing Ty	/pe	Material	Casings Specifications	Wa		Outside	Scree		Slot Size	Description
#	Surf Feet to	race o Feet					Thick (inch		Diameter (inches)	Туре		if any (inches)	
1	0	20	Blank		Stainless Steel	N/A	0.1	88	8				
						Annular Mat	erial						
Depth	from						1						
Surf		F	ill Fi	II Type	Details			Filter	Pack Size		Desc	ription	
0	o Feet 20	Ran	tonite No	on Hydr	ated Bentonite						3/2 ∟	lole Plug	
20	310			ee desci								nnular Fill	
	Observat		1 5										
J													

	Borehole Specifications				
	Depth from Surface Feet to Feet		Borehole Diameter (inches)		
ı	0	20	12		
	20	310	7.875		

Certification Statement						
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief						
Name	Name WATSON WELL DRILLING					
	Person, Firm or Corporation					
	500 Summer Street Eureka CA 95501				95501	
	Address City			Sta	ate	Zip
Signed	electronic signature received C-57 Licensed Water Well Contractor		04/24/		C-57 L	1014048 icense Number

Attachments
WellReport_05222017_1_20170619_111933.pdf - WCR Final

DWR Use Only						
Site Number / S	tate Well Number					
Latitude Deg/Min/Sec	Longitude Deg/Min/Sec					
TRS:						
APN:						

Well Completion Report

WCR Form - DWR 188 Complete 06/23/2017 WCR2017-000727

Owner's V	Well Numb	oer	2		Date Work Began 0	1/18/2017		Date V	Vork Ended	01/24/2017
Local Per	mit Agend	y H	umboldt County Dep	partment of Health & F	- Human Services - Land Use	e Program				
Secondar	y Permit A	Agency			Permit Number	16/17-0453		Per	mit Date	11/02/2016
	Well	Owne	r (must remain	confidential purs	suant to Water Code	13752)		Plai	nned Us	se and Activity
Name	XXXX	xxxxx	xxxxxxxxx					Activity	New Well	
Mailing	Mailing Address XXXXXXXXXXXXXXXXXX						—			
····a·····g	AXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX						Supply Domestic			
City	XXXXXX		(XXXXXXX		tate XX Zip	XXXXX				
	Wall Location									
Addess	Well Location									
Address		Hilde LN					— APN	107-054-00		
City	Honeydev	V		Zip <u>95545</u>	County Humboldt		Towns	· —	S	
Latitude	;			N Longitude	е	V			E	
	Deg.	N	Min. Sec.		Deg. Min.	Sec.	Section		I I I . I . I . I	
Dec. La	t.			Dec. Lo	ong.			ne Meridian	Humboldt	<u> </u>
Vertical	Datum			Horizontal Datu	um WGS84			d Surface Elev	ation	
Location	n Accurac	у	Loca	tion Determination Me	ethod			on Accuracy		
							Elevati	on Determina	ion Method	
			B l l. I			10/	-41	V	:- - - <i>£</i> /	O a manula ta al Mall
			Borehole I	ntormation		VV	ater Le	vei and Y	ieia ot (Completed Wall
Orientat	tion Ve	ertical			Specify	Depth to first water 50 (Feet below surface)				
Drilling I	Method	Othe	er - Casing Advance	Drilling Fluid	Air	Depth to Static				
						Water Level 32 (Feet) Date Measured 01/25/2017				
Total De	epth of Bo	rina	220	Fe	eet .	Estimated	_		SPM) Test T	··
	•	_				Test Lengt			ours) Total I	` ′
Total De	epth of Co	mpietea	Well 220	F6	eet	*May not b	e represent	ative of a well	s long term	yield.
			Coologie Log Free Form							
Dont	Geologic Log - Free Form									
· DeOI	Depth from									
	h from rface	Des	scription		Geologic Log - I	ree Form				
Su		Des	scription		Geologic Log - I	ree Form				
Su	rface		scription Soil		Geologic Log - I	ree Form				
Su Feet	rface to Feet	Тор	•		Geologic Log - I	ree Form				
Su Feet 0	to Feet	Top	Soil	ne	Geologic Log - I	ree Form				
Sul Feet 0 2	to Feet 2	Top Bro	Soil wn Clay w/Gravel	ne	Geologic Log - I	ree Form				
Sul Feet 0 2 50	to Feet 2 50 195	Top Bro	Soil wn Clay w/Gravel ctured Blue Sandsto	ne	Casings					
Sui Feet 0 2 50 195	rface to Feet 2 50 195 220 Depth	Top Bro Frac Blac	Soil wn Clay w/Gravel ctured Blue Sandsto	I	Casings		Outside	Screen	Slot Size	Description
Sul Feet 0 2 50	rface to Feet	Top Bro	Soil wn Clay w/Gravel ctured Blue Sandsto	ne Material		Wall Thickness	Diameter	Screen Type	if any	Description
Sun Feet 0 2 50 195 Casing #	195 220 Depth Surl Feet t	Top Bro Frac Blac from face o Feet	Soil wn Clay w/Gravel ctured Blue Sandsto ck Shale Casing Type	Material	Casings Casings Specifications	Wall Thickness (inches)	Diameter (inches)			Description
Sun Feet 0 2 50 195 Casing # 1	Teet to Feet	Top Brov Frac Blac I from Face Feet 20	Soil wn Clay w/Gravel ctured Blue Sandsto ck Shale Casing Type Blank	Material Low Carbon Steel	Casings Casings Specifications N/A	Wall Thickness (inches) 0.188	Diameter (inches)		if any	Description
Sun Feet 0 2 50 195 Casing # 1 2	Tell Tell Tell	Top Bro Frat Blac from face D Feet 20 40	Casing Type Blank Booli	Material Low Carbon Steel Low Carbon Steel	Casings Casings Specifications N/A N/A	Wall Thickness (inches) 0.188 0.188	Diameter (inches) 8		if any (inches)	Description
Sun Feet 0 2 50 195 Casing # 1	Teet to Feet	Top Brov Frac Blac I from Face Feet 20	Soil wn Clay w/Gravel ctured Blue Sandsto ck Shale Casing Type Blank	Material Low Carbon Steel	Casings Casings Specifications N/A N/A N/A	Wall Thickness (inches) 0.188	Diameter (inches) 8 6		if any	Description
Sun Feet 0 2 50 195 Casing # 1 2	Tell Tell Tell	Top Bro Frat Blac from face D Feet 20 40	Casing Type Blank Blank Other: Knife	Material Low Carbon Steel Low Carbon Steel	Casings Casings Specifications N/A N/A	Wall Thickness (inches) 0.188 0.188	Diameter (inches) 8		if any (inches)	Description
Sun Feet 0 2 50 195 Casing # 1 2 2	Table Table Table	Top Bro Frat Blac from face Feet 20 40 80	Casing Type Blank Blank Other: Knife Cut Societa	Material Low Carbon Steel Low Carbon Steel Other	Casings Casings Specifications N/A N/A N/A	Wall Thickness (inches) 0.188 0.188 0.188	Diameter (inches) 8 6		if any (inches)	Description
Sui Feet 0 2 50 195 Casing # 1 2 2 2 2	Table Tabl	Top Brow Frau Blac from face D Feet 20 40 80 100	Casing Type Blank Blank Other: Knife Cut Screen Blank Other: Knife	Material Low Carbon Steel Low Carbon Steel Other Low Carbon Steel	Casings Casings Specifications N/A N/A N/A N/A	Wall Thickness (inches) 0.188 0.188 0.188	Diameter (inches) 8 6 6		if any (inches)	Description
Sui Feet 0 2 50 195 Casing # 1 2 2 2 2 2	Table Table Table	Top Brow Frat Blac from face D Feet 20 40 80 100 140	Casing Type Blank Blank Other: Knife Cut Screen Blank Other: Knife Cut Screen Cut Screen	Material Low Carbon Steel Low Carbon Steel Other Low Carbon Steel Low Carbon Steel	Casings Casings Specifications N/A N/A N/A N/A N/A	Wall Thickness (inches) 0.188 0.188 0.188 0.188 0.188	Diameter (inches) 8 6 6 6		if any (inches)	Description
Sui Feet 0 2 50 195 Casing # 1 2 2 2 2 2 2 2	Table Table Table	Top Brown Frace See Property Frace Property Proper	Casing Type Blank Blank Other: Knife Cut Screen Blank Other: Knife	Material Low Carbon Steel Low Carbon Steel Other Low Carbon Steel Low Carbon Steel Low Carbon Steel	Casings Casings Specifications N/A N/A N/A N/A N/A N/A N/A	Wall Thickness (inches) 0.188 0.188 0.188 0.188 0.188	Diameter (inches) 8 6 6 6 6 6 6 6		0.25	Description

Page ____1 ___ of ___2

	Annular Material						
Depth from Surface Fill Feet to Feet		Fill	Fill Type Details	Filter Pack Size	Description		
0	20	Bentonite	Non Hydrated Bentonite	0.375	Non-Hydrated		
20	220	Other Fill	See description.		No Annular Fill		

Other Observations:

	Borehole Specifications				
Su	h from rface to Feet	Borehole Diameter (inches)			
0	20	12			
20	150	7.5			
150	220	7.44			

Certification Statement										
I, the undersigned, certify that this report is complete and accurate to the best of my knowledge and belief										
Name	WATSON WELL DRILLING									
	Person, Firm or Corporation									
	500 Summer Street	Eureka		CA		95501				
	Address	City		St	ate	Zip				
Signed	electronic signature received	03/07/2				1014048				
	C-57 Licensed Water Well Contractor	•	Date Signed		C-57 License Number					

Attachments						
WellReport_05222017_1_20170623_145830.pdf - WCR Final						

DWR Use Only										
Site Number / State Well Number										
	N				w					
L	atitude Deg/Min/Sec	Longitude Deg/Min/Sec								
TRS:										
APN:										

Humboldt County, South Part, California

646—Wirefence-Windynip-Devilshole complex, 5 to 30 percent slopes

Map Unit Setting

National map unit symbol: 1lpq7 Elevation: 200 to 3,280 feet

Mean annual precipitation: 60 to 100 inches Mean annual air temperature: 48 to 57 degrees F

Frost-free period: 240 to 300 days

Farmland classification: Not prime farmland

Map Unit Composition

Wirefence and similar soils: 35 percent Windynip and similar soils: 30 percent Devilshole and similar soils: 20 percent

Minor components: 15 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Wirefence

Settina

Landform: Ridges

Landform position (two-dimensional): Summit, backslope Landform position (three-dimensional): Mountaintop

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Colluvium and residuum derived from sandstone

Typical profile

A1 - 0 to 11 inches: loam A2 - 11 to 21 inches: loam

A3 - 21 to 33 inches: gravelly loam AB - 33 to 46 inches: gravelly loam

Bw - 46 to 63 inches: very gravelly fine sandy loam C - 63 to 79 inches: very gravelly fine sandy loam

Properties and qualities

Slope: 5 to 30 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water (Ksat): Moderately high to high (0.60 to 2.00 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Available water supply, 0 to 60 inches: High (about 9.1 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: F004BI106CA - High precipitation mountain slopes

Hydric soil rating: No

Description of Windynip

Setting

Landform: Ridges

Landform position (two-dimensional): Summit, shoulder Landform position (three-dimensional): Mountaintop

Down-slope shape: Linear Across-slope shape: Linear

Parent material: Colluvium and residuum derived from sandstone

and mudstone

Typical profile

A1 - 0 to 5 inches: loam A2 - 5 to 12 inches: clay loam A3 - 12 to 20 inches: clay loam AB - 20 to 33 inches: clay loam

Bt1 - 33 to 59 inches: gravelly clay loam Bt2 - 59 to 79 inches: very gravelly clay loam

Properties and qualities

Slope: 5 to 30 percent

Surface area covered with cobbles, stones or boulders: 0.0 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.06 to 0.60 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Available water supply, 0 to 60 inches: Moderate (about 8.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: C

Ecological site: R004BI202CA - Loamy Uplands

Hydric soil rating: No

Description of Devilshole

Setting

Landform: Ridges

Landform position (two-dimensional): Summit, shoulder



Landform position (three-dimensional): Mountaintop

Down-slope shape: Convex, linear Across-slope shape: Linear, convex

Parent material: Residuum weathered from sandstone and/or

mudstone

Typical profile

A - 0 to 4 inches: gravelly loam

ABt - 4 to 16 inches: very gravelly loam
Bt - 16 to 28 inches: very gravelly loam
BCt - 28 to 47 inches: extremely gravelly loam

C - 47 to 61 inches: gravel

Properties and qualities

Slope: 5 to 30 percent

Surface area covered with cobbles, stones or boulders: 0.0 percent Depth to restrictive feature: 39 to 59 inches to strongly contrasting

textural stratification

Drainage class: Well drained

Capacity of the most limiting layer to transmit water

(Ksat): Moderately low to moderately high (0.14 to 1.42 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None Frequency of ponding: None

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0

mmhos/cm)

Available water supply, 0 to 60 inches: Low (about 4.3 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 4e

Hydrologic Soil Group: B

Ecological site: R004BI203CA - Loamy-skeletal Uplands

Hydric soil rating: No

Minor Components

Yorknorth, moist

Percent of map unit: 6 percent Landform: Mountain slopes

Landform position (two-dimensional): Backslope, footslope Landform position (three-dimensional): Mountainflank

Down-slope shape: Concave, linear Across-slope shape: Concave, linear

Hydric soil rating: No

Crazycoyote

Percent of map unit: 5 percent Landform: Mountain slopes

Landform position (two-dimensional): Backslope Landform position (three-dimensional): Center third of

mountainflank

Down-slope shape: Concave, convex, linear

Across-slope shape: Linear

Hydric soil rating: No

Rainbear

Percent of map unit: 4 percent Landform: Mountain slopes, ridges

Landform position (two-dimensional): Shoulder Landform position (three-dimensional): Mountainflank

Down-slope shape: Convex Across-slope shape: Linear Hydric soil rating: No

Data Source Information

Soil Survey Area: Humboldt County, South Part, California

Survey Area Data: Version 10, Sep 6, 2021