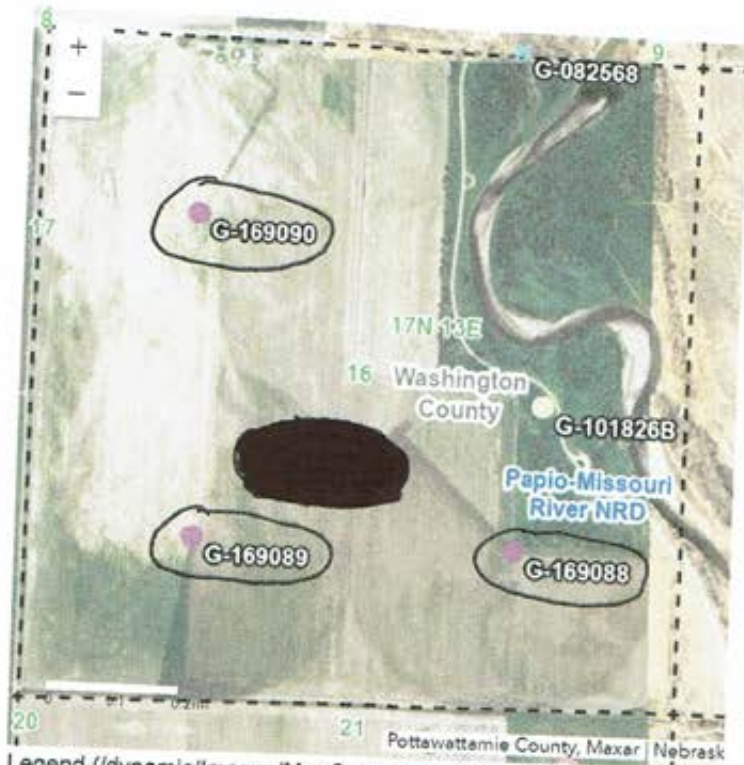


Processed by State of Nebraska Department of Natural Resources
Data(Bank) 8/7/2023 9:43:35 AM
Subsection: NESW Section: 16 Township: 17 Range: 13E
Footage: 1982 feet from the South section line and 1965 feet from the West section line.
Latitude: 41° 26' 30.93" Longitude: -95° 57' 24.51"



Legend (/dynamic/Images/MapGroundWaterLegend.png)

Zooming – 3 options

- Double click on Map to zoom in
- Plus(+) and minus(-) signs in upper left corner of map also zoom in and out. Hover with mouse over area and when pointer disappears, click. Plus is on top and minus is below it.
- Click on map and use mouse wheel to zoom in or out.

Panning – Moving around map

Click on map and hold, drag mouse direction to move map

DISCLAIMER

The well location computations are based on calculated section corners, and not surveyed information or GPS coordinates. Therefore, **ALWAYS** check with the water well owner for the land description (including Footage, Quarter/Quarter, Section, Township,

Range and County) of the property where the well is located. This computed well location information is for checking purposes only.

Public Water Supply information is not available through this tool. If you have a need for such information, please submit a request through the following link: Submit a NeDNR Assistance Request Form (<https://app.smartsheet.com/b/form/6eea8b5f1c5641d199121b7cccd6a91e>) . The well owner will be contacted for the purpose of authorizing access to information about their well(s). All registration documentation for water wells registered after January 1, 1969, except Public Water Supply wells, are now available.



Well Registration or Area Permit

Fee Paid: **\$110.00** HHSS Fee: **\$70.00**
 DNR Cash Fund: **\$18.50** WWDF: **21.50**
 Billing ID: **41804**

Source: **Nebraska On Line** Import Status: **Accepted** Use: **Irrigation** Owner ID: **33201**
 Import ID: **13796293886614** Status: **Active Registered Well** Decommission Date: **—** Registration Number: **G-169088**
 Well ID: **227225** NRD: **Papio-Missouri River** Registration Date: **10/1/2013**
 Last Change User: **hsparks** Call Up Code: **—** Call Up Date: **—** Last Change Date: **10/1/2013**

Owner:

ContactID	Type	SeqNum	Begin Date	End Date	Name
<input type="button" value="Display"/>	33201	Owner 1	10/1/2013		Nebraska Board of Educational Lands & Funds, <input type="button" value=""/>

Contractor: **Certificate ID** **First Name** **Last Name**
39221 **James R** **Minarick**

Drilling Firm: **Employer ID** **Employer**
 159451 **Webster Well Services, Inc**

- A. Well Location: **SW1/4SE1/4** of Section **16**
 Township **17** North, Range **13** (**East** E/W), **Washington** County
- B. Natural Resource District: **Papio-Missouri River**
 Latitude Longitude
 Well GPS Coordinates: **41° 26' 24.16"** **-095° 56' 59.00"**
 Lat/Long DD **41.44004** **-95.94972** **GPS Required**
- C. The well is: **1276** feet from the **S** Section line and **1352** feet from the **E** section line.
- D. Street address or block, lot and subdivision: Addr/Sub Div **—** Block No **—** Lot **—**
- E. Location of water use, if applicable (give legal description): **SE 16-17-13E**
- G. Well reference letter(s) if applicable: **—**

Well In A Series

Well Part of a Series with Site Plan: **No**

Series #	# of Wells	Reg	Total #	Wells	Acres	Acres	Cert	NRD	Appr	StartDate	EndDate	Comment	Series	Reg	Num	(External Source)	Code	Description	Wells in the Series												
226897				160	No		No			9/16/2013							PRO	Single Project	<table border="1"> <thead> <tr> <th>WellID</th> <th>RegCD</th> <th>StartDate</th> <th>EndDate</th> </tr> </thead> <tbody> <tr> <td>227225</td> <td>G-</td> <td>9/16/2013</td> <td></td> </tr> <tr> <td>169088</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	WellID	RegCD	StartDate	EndDate	227225	G-	9/16/2013		169088			
WellID	RegCD	StartDate	EndDate																												
227225	G-	9/16/2013																													
169088																															

Permits

Area Permit	Aprvd Date(s)	SWater App Code	Aprvd Date(s)
GeoPermit	— — —	Industrial	— — —
MWF	— — —	Transfer	— — —
WSP	— — —	Swater Conduct Code	— — —
HHSS	—	Other	— — —
HHSS PWS ID	—	ITN	— — —
NDEQ	—		

5. Purpose of Well **Irrigation**
 Other Use **—**
 Notes **—**

7. Replacement well information. Well Considered a replacement by NRD(WellID, RegCD)

- A. Is this well a Replacement well? **No** Repl No **—** NRD Approval Date **—** Well Replacement Reg CD **—**
- B. Registration number of abandoned well: **—** If not registered, date abandoned well was constructed **—**
- C. Abandoned well last operated **—** D. Replacement well is **—** feet from abandoned well.
- E. Original well pump column size: **—** inches.
- F. Original water well decommissioned **—**
 I hereby certify that the original water well will be decommissioned within 180 days after such construction of the replacement water well.
 I hereby certify that the original water well will be modified and equipped to pump 50 gallons per minute or less within 180 days after such construction of the replacement water well.
 Livestock
 Monitoring
 Observation
 Nonconsumptive or de minimus use approved by the applicable natural resources district. **—**
 Decommission/Modification certification form is submitted by landowner (Must be submitted before registering well)

G. Location of water use of original well:

Decommission Information

Decommission Date: By

B. Pump Information.

A. Is Pump installed at this time? **Yes**

Pump present but Well Inactive: No

Free Flowing Well: No

Well active, no pump installed: No

B. License No.

CertificateID	FirstName	LastName	Employer
29193	Leo A	Oligmueller	Pump Shop, Inc.

C. Pumping Rate 850 gallons per minute.

D. Pumping water level 28 feet.

E. Drop pipe diameter 8 inches.

F. Length of pipe 60 in feet.

G. Pump equipment installed: 9/25/2013

H. Pump Brand/Type JENSEN WHOLESALE

I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 97 feet.

B. Static water level 8 feet.

C. Well Construction began: 9/16/2013

D. Well Construction Completed: 9/16/2013

E. Bore hole diameter in inches. Top 26 Bottom 26

F. Casing and Screen Joints are: Glued

Other Joints description:

H. Total Estimate Capacity of Well 2000 gallons per minute.

I. Pumping water level at capacity: 38 feet.

10. Well Construction (Casing & Screen) - c, d, e & f measurements should be in inches to three decimal places
Record Count = 4

WellID	FromDepth*	ToDepth*	Case/Screen	InsideDiam	OutsideDiam	CaseThickness	ScrnSlotSize	Material	ScreenTname
227225 0	48		casing	15	16	0.5		PVC	PW
227225 48	68		screen	15	16	0.5	0.085	PVC	ROBERTS
227225 68	76		casing	15	16	0.5		PVC	PW
227225 76	97		screen	15	16	0.5	0.085	PVC	ROBERTS

* are in Feet, all else is in inches

11. Grout and Gravel Pack

Record Count = 2

WellID	FromDepth	ToDepth	Grout/Gravel Material	Description ¹	Quantity	Gravel ² Volume & Type	Grout ³
227225 0	10		grout	CHUNK BENTONITE		22.5CUFT	
227225 10	97		gravel	80% #10	195 CUFT		

* are in Feet, all else is in inches

¹Description of gravel pack, i.e. engineered gravel pack, or gravel pit description (1/4 down) or brand name (best sand) natural formation, drilling cuttings, soil backfill

²Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

³Volume & Type: #gallons of a slurry, #Barrels of a slurry, #sacks used in the slurry, #Bags of non-slurry bentonite (chip-pellet-granular)

12. Well Geologic Materials Logged

WellID	FromDepth*	ToDepth*	Type	Hardness	Color	Other/Drilling Action
227225 0	3		Top Soil	Loose	Brown	sandy
227225 3	10		Clay	Dense/Stiff	Gray	
227225 10	35		Sand med-coarse	Loose	Pepper	med
227225 35	45		Sand with gravel	Loose	Gray	coarse
227225 45	48		Sand med-coarse	Loose	Pepper	med
227225 48	50		Sandy Clay	Loose	Gray	coarse
227225 50	53		Gravel	Dense/Stiff	Gray	w/clay
227225 53	58		Gravel	Loose	Gray	
227225 58	59		Clay	Dense/Stiff	Gray	
227225 59	62		Gravel	Loose	Gray	
227225 62	63		Clay	Dense/Stiff	Gray	thin
227225 63	68		Sand with gravel	Loose	Gray	coarse
227225 68	69		Sand med-coarse	Loose	Gray	coarse
227225 69	72		Sand fine-med	Loose	Red	blk dk med
227225 72	72.5		Clay	Dense/Stiff	Gray	layer
227225 72.5	78		Gravel	Loose	Gray	nice
227225 78	85		Sand med-coarse	Loose	Gray	coarse nice
227225 85	90		Gravel	Loose	Gray	and coal
227225 90	97		Gravel	Loose	Gray	fine

* are in Feet.

Well Registration or Area Permit

Fee Paid: \$110.00 HHSS Fee: \$70.00
 DNR Cash Fund: \$18.50 WWDF: 21.50
 Billing ID: 41805

Source: Nebraska On Line Import Status: Accepted Use: Irrigation Owner ID: 33201
 Import ID: 137963024623273 Status: Active Registered Well Decommission Date: — Registration Number: G-169089
 Well ID: 227226 NRD: Papio-Missouri River Registration Date: 10/1/2013
 Last Change User: hsparks Call Up Code: — Call Up Date: — Last Change Date: 10/1/2013

Owner:

Contact ID	Type	SeqNum	Begin Date	End Date	Name
<input type="button" value="Display"/> 33201	Owner 1		10/1/2013		Nebraska Board of Educational Lands & Funds, <input type="button" value=""/>

Contractor:
 39221 James R Minarick

Drilling Firm:
 159451 Webster Well Services, Inc

- A. Well Location: SE1/4SW1/4 of Section 16
 Township 17 North, Range 13 (East E/W), Washington County
- B. Natural Resource District: Papio-Missouri River
- Well GPS Coordinates: Latitude 41° 26' 24.31" Longitude -095° 57' 32.87" GPS Required
 Lat/Long DD 41.44009 -95.95913
- C. The well is: 1316 feet from the S Section line and 1335 feet from the W section line.
- D. Street address or block, lot and subdivision: Addr/Sub Div — Block No — Lot —
- E. Location of water use, if applicable (give legal description): SW 16-17-13E
- G. Well reference letter(s) if applicable: —

Well In A Series

Well Part of a Series with Site Plan: No

Series	# of Wells	Reg	Total #	Wells	Acres	Acres	Cert	NRD	Appr	StartDate	EndDate	Comment	Series	Reg	Num (External Source)	Code	Description	Wells in the Series
<u>227226</u>				<u>160</u>	<u>No</u>		<u>No</u>			<u>9/13/2013</u>						<u>PRO</u>	<u>Single Project</u>	WellID RegCD StartDate EndDate <u>227226</u> <u>G-169089</u> <u>9/13/2013</u>

Permits

Area Permit	Aprvd Date(s)	SWater App Code	Aprvd Date(s)
GeoPermit	<u>— — —</u>	Industrial	<u>— — —</u>
MWF	<u>— — —</u>	Transfer	<u>— — —</u>
WSP	<u>— — —</u>	Swater Conduct Code	<u>— — —</u>
HHSS	<u>—</u>	Other	<u>— — —</u>
HHSS PWS ID	<u>—</u>	ITN	<u>— — —</u>
NDEQ	<u>—</u>		

5. Purpose of Well Irrigation

Other Use —
 Notes —

7. Replacement well information.

Well Considered a replacement by NRD(WellID, RegCD)

- A. Is this well a Replacement well? No Repl No — NRD Approval Date — Well Replacement Reg CD —
- B. Registration number of abandoned well: — If not registered, date abandoned well was constructed —
- C. Abandoned well last operated — D. Replacement well is — feet from abandoned well.
- E. Original well pump column size: — inches.
- F. Original water well decommissioned —
 I hereby certify that the original water well will be decommissioned within 180 days after such construction of the replacement water well.
 I hereby certify that the original water well will be modified and equipped to pump 50 gallons per minute or less within 180 days after such construction of the replacement water well.
 Livestock
 Monitoring
 Observation
 Nonconsumptive or de minimus use approved by the applicable natural resources district. —
 Decommission/Modification certification form is submitted by landowner (Must be submitted before registering well)

G. Location of water use of original well:

Decommission Information

Decommission Date: By

B. Pump Information.

A. Is Pump installed at this time? Yes

Pump present but Well Inactive: No

Free Flowing Well: No

Well active, no pump installed: No

B. License No.

CertificateID	FirstName	LastName	Employer
29193	Leo A	Oligmueller	Pump Shop, Inc.

C. Pumping Rate 850 gallons per minute.

D. Pumping water level 25 feet.

E. Drop pipe diameter 8 inches.

F. Length of pipe 60 in feet.

G. Pump equipment installed: 9/25/2013

H. Pump Brand/Type JENSEN WHOLESALE

I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 88 feet.

B. Static water level 8 feet.

C. Well Construction began: 9/13/2013

D. Well Construction Completed: 9/13/2013

E. Bore hole diameter in inches. Top 26 Bottom 26

F. Casing and Screen Joints are: Glued

Other Joints description:

H. Total Estimate Capacity of Well 2000 gallons per minute.

I. Pumping water level at capacity: 38 feet.

10. Well Construction (Casing & Screen) - c, d, e & f measurements should be in inches to three decimal places
Record Count = 2

WellID	FromDepth*	ToDepth*	Case/Screen	InsideDiam	OutsideDiam	CaseThickness	ScrnSlotSize	Material	ScreenTname
227226 0	49		casing	15	16	0.5		PVC	PW
227226 49	88		screen	15	16	0.5	0.085	PVC	ROBERTS

* are in Feet, all else is in inches

11. Grout and Gravel Pack

Record Count = 2

WellID	FromDepth*	ToDepth*	Grout/Gravel	Material Description ¹	Quantity	Gravel ²	Volume & Type	Grout ³
227226 0	10		grout	CHUNK BENTONITE			22.SCUFT	
227226 10	88		gravel	80% #10	175 CUFT			

* are in Feet, all else is in inches

¹Description of gravel pack, i.e. engineered gravel pack, or gravel pit description (1/4 down) or brand name (best sand) natural formation, drilling cuttings, soil backfill

²Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

³Volume & Type: #gallons of a slurry, #Barrels of a slurry, #sacks used in the slurry, #Bags of non-slurry bentonite (chip-pellet-granular)

12. Well Geologic Materials Logged

WellID	FromDepth*	ToDepth*	Type	Hardness	Color	Other/Drilling Action
227226 0	4		Top Soil	Dense/Stiff	Brown	and clay
227226 4	20		Sand fine-med	Soft	Pepper	
227226 20	40		Sand med-coarse	Loose	Pepper med	
227226 40	43		Gravel	Loose	Gray	w/small amt clay
227226 43	51		Sand with gravel	Loose	Gray	co sand fine grave
227226 51	52		Clay	Dense/Stiff	Gray	
227226 52	55		Sand fine-med	Loose	Pepper med	
227226 55	61		Gravel	Loose	Gray	w/some clay
227226 61	63		Clay	Dense/Stiff	Gray	
227226 63	69		Gravel	Loose	Gray	
227226 69	72		Sand med-coarse	Loose	Gray	coarse
227226 72	75		Sand with gravel	Loose	Gray	co s & fin g & coa
227226 75	77		Sand med-coarse	Loose	Gray	
227226 77	87		Gravel	Loose	Gray	
227226 87	88		Limestone	Hard	Gray	

* are in Feet.

Well Registration or Area Permit

Fee Paid: **\$110.00** HHSS Fee: **\$70.00**
 DNR Cash Fund: **\$18.50** WWDF: **21.50**
 Billing ID: **41806**

Source: Nebraska On Line Import Status: Accepted Use: Irrigation Owner ID: 33201
 Import ID: 13796345698037 Status: Active Registered Well Decommission Date: — Registration Number: G-169090
 Well ID: 227227 NRD: Paplo-Missouri River Registration Date: 10/1/2013
 Last Change User: hspark Call Up Code: — Call Up Date: — Last Change Date: 10/1/2013

Owner:

ContactID	Type	SeqNum	Begin Date	End Date	Name
<input type="button" value="Display"/> 33201	Owner 1		10/1/2013		Nebraska Board of Educational Lands & Funds, <input type="button" value=""/>

Contractor: Certificate ID First Name Last Name
 39221 James R Minarick

Drilling Firm: Employer ID Employer
 159451 Webster Well Services, Inc

- A. Well Location: SW1/4NW1/4 of Section 16
 Township 17 North, Range 13 (East E/W), Washington County
- B. Natural Resource District: Paplo-Missouri River
- Well GPS Coordinates: Latitude 41° 26' 49.59" Longitude -095° 57' 33.33" **GPS Required**
 Lat/Long DD 41.44711 -95.95926
- C. The well is: 1414 feet from the N Section line and 1276 feet from the W section line.
- D. Street address or block, lot and subdivision: Addr/Sub Div — Block No — Lot —
- E. Location of water use, if applicable (give legal description): NW 16-17-13E
- G. Well reference letter(s) if applicable: —

Well In A Series

Well Part of a Series with Site Plan: No

Series #	of Wells	Reg Total #	Wells Acres	Acres	Cert	NRD	Appr	StartDate	EndDate	Comment	Series Reg Num (External Source)	Code	Description	Wells in the Series								
<u>226899</u>			<u>160</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>9/17/2013</u>					<u>PRO</u>	<u>Single Project</u>	<table border="1"> <thead> <tr> <th>WellID</th> <th>RegCD</th> <th>StartDate</th> <th>EndDate</th> </tr> </thead> <tbody> <tr> <td><u>227227</u></td> <td><u>G-169090</u></td> <td><u>9/17/2013</u></td> <td></td> </tr> </tbody> </table>	WellID	RegCD	StartDate	EndDate	<u>227227</u>	<u>G-169090</u>	<u>9/17/2013</u>	
WellID	RegCD	StartDate	EndDate																			
<u>227227</u>	<u>G-169090</u>	<u>9/17/2013</u>																				

Permits

Area Permit	Aprvd Date(s)	SWater App Code	Aprvd Date(s)
GeoPermit	<u>— — —</u>	Industrial	<u>— — —</u>
MWF	<u>— — —</u>	Transfer	<u>— — —</u>
WSP	<u>— — —</u>	Swater Conduct Code	<u>— — —</u>
HHSS	<u>—</u>	Other	<u>— — —</u>
HHSS PWS ID	<u>—</u>	ITN	<u>— — —</u>
NDEQ	<u>—</u>		

5. Purpose of Well Irrigation

Other Use —
 Notes —

7. Replacement well information.

Well Considered a replacement by NRD(WellID, RegCD)

- A. Is this well a Replacement well? No Repl No — NRD Approval Date — Well Replacement Reg CD —
- B. Registration number of abandoned well: — If not registered, date abandoned well was constructed —
- C. Abandoned well last operated — D. Replacement well is — feet from abandoned well.
- E. Original well pump column size: — inches.
- F. Original water well decommissioned —
 I hereby certify that the original water well will be decommissioned within 180 days after such construction of the replacement water well.
 I hereby certify that the original water well will be modified and equipped to pump 50 gallons per minute or less within 180 days after such construction of the replacement water well.
 Livestock
 Monitoring
 Observation
 Nonconsumptive or de minimus use approved by the applicable natural resources district. —
 Decommission/Modification certification form is submitted by landowner (Must be submitted before registering well)

G. Location of water use of original well:

Decommission Information

Decommission Date: By

B. Pump Information.

A. Is Pump installed at this time? Yes Pump present but Well Inactive: No
 Free Flowing Well: No Well active, no pump installed: No

B. License No.

CertificateID	FirstName	LastName	Employer
29193	Leo A	Oligmueller	Pump Shop, Inc.

C. Pumping Rate 1200 gallons per minute. D. Pumping water level 30 feet.
 E. Drop pipe diameter 2 inches. F. Length of pipe 50 in feet.
 G. Pump equipment installed: 9/25/2013 H. Pump Brand/Type JENSEN WHOLESALE
 I. Will this well be used to pump 50 gpm or less? No

9. Well Construction Information

A. Total well depth: 107 feet. B. Static water level 12 feet.
 C. Well Construction began: 9/17/2013 D. Well Construction Completed: 9/17/2013
 E. Bore hole diameter in inches. Top 26 Bottom 26
 F. Casing and Screen Joints are: Glued Other Joints description:
 H. Total Estimate Capacity of Well 2000 gallons per minute. I. Pumping water level at capacity: 30 feet.

10. Well Construction (Casing & Screen) - c, d, e & f measurements should be in inches to three decimal places
 Record Count = 2

WellID	FromDepth*	ToDepth*	Case/Screen	InsideDiam	OutsideDiam	CaseThickness	ScrnSlotSize	Material	ScreenTname
2272270	67		casing	15	16	0.5		PVC	PW
22722767	107		screen	15	16	0.5	0.085	PVC	ROBERTS

* are in Feet, all else is in inches

11. Grout and Gravel Pack

Record Count = 2

WellID	FromDepth	ToDepth	Grout/Gravel	Material	Description ¹	Quantity	Gravel ² Volume & Type	Grout ³
2272270	10		grout	CHUNK BENTONITE			22.5CUFT	
22722710	107		gravel	80% #10		218 CUFT		

* are in Feet, all else is in inches

¹Description of gravel pack, i.e. engineered gravel pack, or gravel pit description (1/4 down) or brand name (best sand) natural formation, drilling cuttings, soil backfill

²Quantity #cubic yards, #Tons, #Sacks - (for drilling cuttings and soil backfill estimate quantity) Calculation assistance available on web

³Volume & Type: #gallons of a slurry, #Barrels of a slurry, #sacks used in the slurry, #Bags of non-slurry bentonite (chip-pellet-granular)

12. Well Geologic Materials Logged

WellID	FromDepth*	ToDepth*	Type	Hardness	Color	Other/Drilling Action
2272270	4		Sand fine-med	Loose	Gray	top sand
2272274	10		Clay	Dense/Stiff	Brown	
22722710	18		Clay	Soft	Gray	
22722718	22		Sand med-coarse	Loose	Gray	med
22722722	25		Gravel	Loose	Gray	
22722725	27		Sand fine-med	Loose	Pepper	
22722727	30		Gravel	Loose	Gray	
22722730	41		Sand fine-med	Loose	Gray	dark
22722741	43		Gravel	Loose	Gray	
22722743	63		Sand med-coarse	Loose	Gray	med
22722763	67		Sand with gravel	Loose	Gray	coarse
22722767	69		Sand med-coarse	Loose	Gray	med
22722769	88		Gravel	Loose	Gray	
22722788	107		Gravel	Loose	Gray	it nice

* are in Feet.