

FILE COPY

RECEIVED

JAN 09 2026

Mail to: DENR - Water Rights 523 E Capitol Ave Pierre, SD 57501-3182 ph. (605) 773-3352	No. <u>9012-3</u> (office use only) Hydrologic Unit <u>10170102</u>	OFFICE OF WATER
	Basin <u>Missouri R</u>	
	Newspaper <u>Turner Co. New Era</u> <u>Argus Leader</u>	

PAID
 JAN 09 2026
 Ck# 4527
 Rec't# _____

Application For Permit To Appropriate Water For Irrigation

Type of Application: New Vested Right Amendment/Correction to Permit No. _____
 (Use predates Mar 2, 1955)

Description of amendment/correction: (i.e. change diversion point(s), add diversion point(s), change use, etc.)

1. Name to Appear on Irrigation Permit Roger Sieck

Note: The "Name to Appear on Irrigation Permit" must be the name in which the property to be irrigated is held in.

Mailing Address 728 Appaloosa Lane Spearfish SD 57783
 (Address) (City) (State) (Zip Code)

Phone _____ Mobile (402) 670-1781 Email ROGERSIECK025@GMAIL.COM

2. Amount of water claimed 1.78 *CFS or 800 **GPM _____ ***AF Total Acreage 160
 (*Cubic Feet per Second) (**Gallons per Minute) (***)Acre Feet - storage capacity of dam/dugout or annual use if applicable)

3. Source of water supply 1 Ground Water Well

4. Location of point of diversion CENTER OF East 1/2 - S22 T98N R52W
 (example - 3 wells in SW1/4 NE1/4 section 12-T104N-R53W)

County Turner

5. County or counties where water will be used Turner

6. Annual period during which water is to be used May 1 - September 30

7. List below each forty acre division, or lot, or fraction thereof and show number of acres to be irrigated in each.
 (Attach sheet if more space is needed)

Land Description	Acres	Land Description	Acres
SW NE S22 T98N R52W	40		
SE NE S22 T98N R52W	40		
NW SE S22 T98N R52W	40		
NE SE S22 T98N R52W	40		

8. Give a description of the project. (Attach sheet if more space is needed)

1 Well in center of East 1/2 S22 T98N R52W to supply water to 1 center pivot. The pivot will irrigate 160 acres N1/2 NE and W1/2 SE S22 T98N R52W, Turner County.

(See above)

I, Roger Sieck Owner, the applicant, certify under
 Name of Person Title (if applicable)

penalty of perjury that I have read this application, examined the attached map, and that the matters stated are true. I further certify, if acting on behalf of an entity or individual other than myself, that I am authorized to submit this application.

Attachments: Attach Form 2A if diversion is from a well or dugout, or if storage of water is proposed. Also, attach map and any other technical information. (see instructions)

43.29427/-96.96962

Jan SW 600X

Supplemental Information

(type or print)

1. Well Information (check one or both as applicable) Drilling new well(s) Using existing well(s)

a) If new wells, how many 1 Have test holes been drilled Yes No Drilled by Thein Well Company
(if yes, please provide copies of logs)

b) If existing wells, how many N/A provide copy of log(s), if available. Drilled by _____

For either Existing or Proposed Wells:

c) Well Depth (required) 210 Depth to Top of Water Bearing Material 95 Depth to Water from Surface 103

d) Distance to nearest domestic well on applicant's property N/A Property owned by others 2500'

2. Wastewater Disposal System Information

a) Type of System (i.e. septic tank, drain field) _____

b) System Capacity (gallons) _____ Year Constructed _____

c) Connected to the City of _____ Sanitary System

3. Dugout Information

a) Surface Dimensions _____ Depth _____

b) Depth to water (ground surface to water level) _____

4. Water Storage Dams

If the proposed water use system contains one or more storage dams, please furnish the information requested below for each dam. The locations of the dams need to be shown on the map submitted with the application.

a) If a private engineering firm or government agency was involved in the design of this dam, please give their name and address:

b) Freeboard _____

c) Crest Width _____

Crest Length _____

d) Height _____

e) Primary Outlet Capacity _____

If pipe, diameter _____

f) Secondary Spillway Capacity _____

Spillway Width _____

g) X & Y Slope (e.g. 3 to 1 is a typical slope)

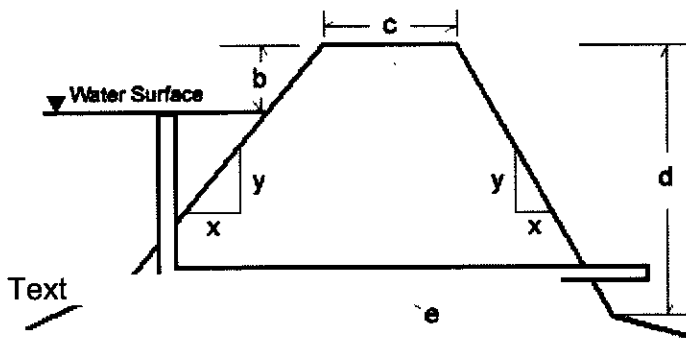
Upstream _____

Downstream _____

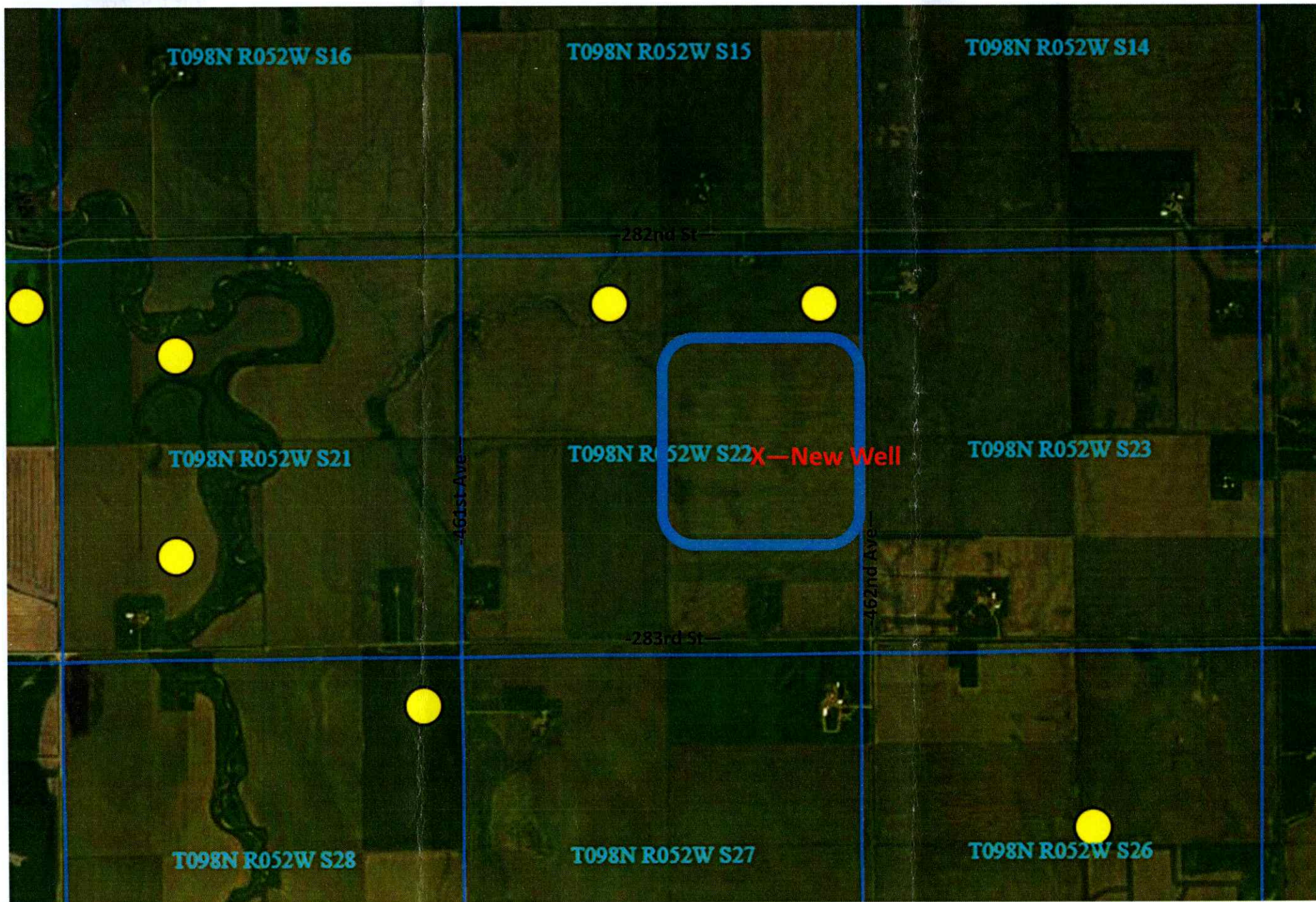
h) Surface Area of Impoundment _____

i) Storage _____ Acre Feet

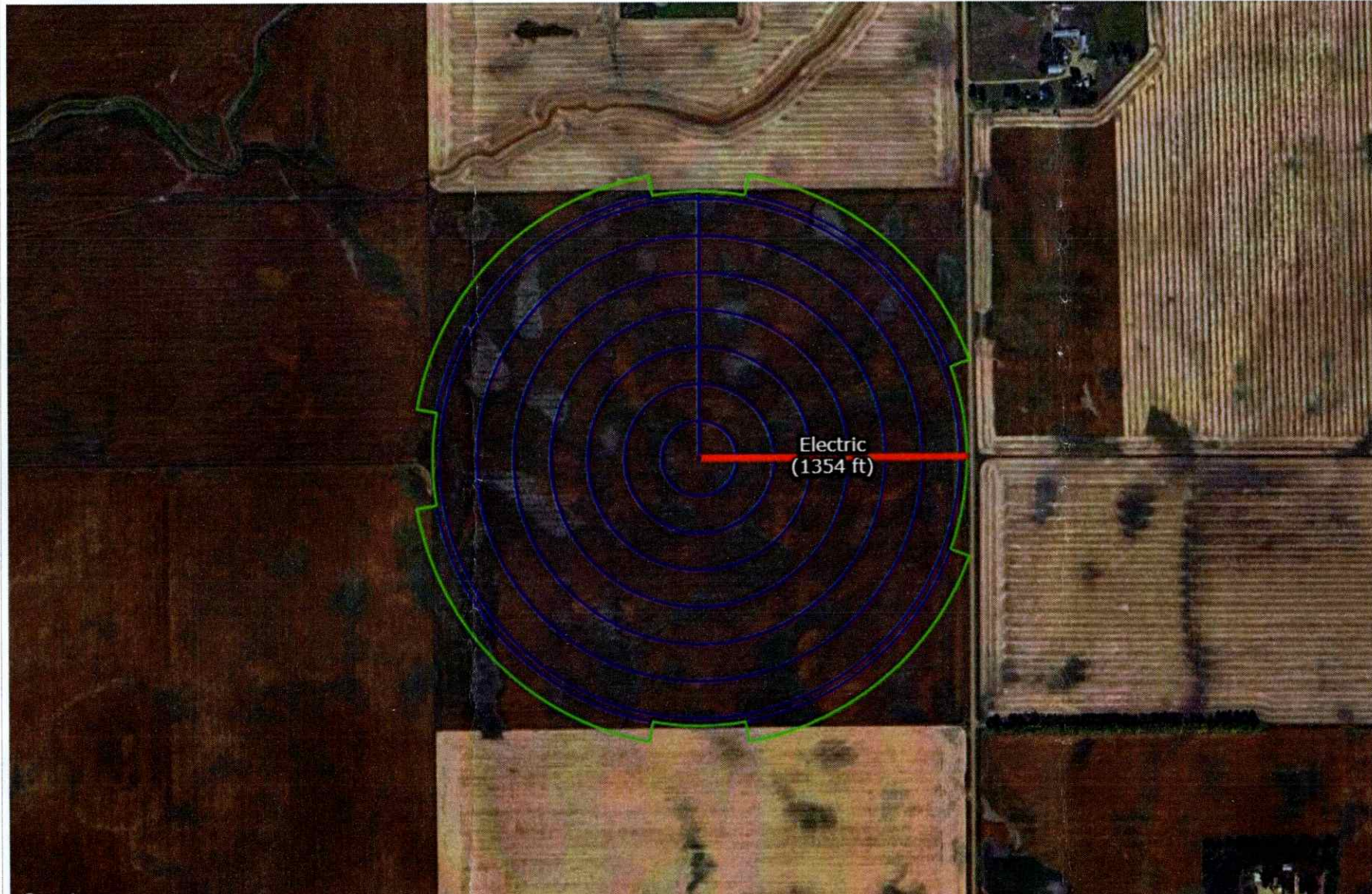
j) Drainage Area Above Dam _____ Acres



RECEIVED
Roger Sieck—Water Permit Map—Turne County—E1/2 Section 22-T98N-R52W



Map Summary Report - Kuper Farm



Google

Keyboard shortcuts Imagery ©2025 Airbus, Maxar Technologies 100 m Terms Report a map error

DRIVE UNITS LARGEST POTENTIAL MACHINE GUIDANCE PATH END OF MACHINE PRIMARY ENDGUN SECONDARY ENDGUN FIELD BOUNDARY



Project Name - Roger Sieck - Kuper Farm

Version Name - Roger Sieck - Kuper Farm_

Map Summary Report - Kuper Farm

Field Name	Design Name	Machine Category	Machine Area (ac)	No. of Towers	Total Machine Length (ft)	Total Irrigated Area (ac)
Pivot_1_1232025982260	Kuper Farm	Large Field Electrical Pivot 8000	127.54	7	1331.72	148.43

Total Project Irrigated Area (ac): 148.43

(Kuper Farm)	Spans and Overhang	Comer	Endgun*	Bender / DropSpan	Polygon
Irrigated Area using (ac)	128.42	0	20.01	0	0.00

* Estimated

Total Span Length (ft) 1293.60

Overhang Length (ft) 36.00

Flex/Transition/Other Lengths (ft) 2.12

S.No	Diameter	Length (ft)	Cable Size	Motor Options	Tire Size	Bender / DropSpan	Profile	Wheel Track (ft)
1	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	185.03
2	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	369.83
3	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	554.63
4	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	739.43
5	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	924.23
6	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	1109.03
7	6 5/8	184.80	12 ga cable / 11 cond shielded	34 RPM Baldor Helical	14.9 x 24 Non-Directional Tubeless	None	Standard	1293.57

Primary Endgun

Endgun Angles (Kuper Farm)	Endgun 1	Endgun 2	Endgun 3	Endgun 4
Start Angle	10.00 deg	110.00 deg	190.00 deg	280.00 deg
End Angle	70.00 deg	170.00 deg	260.00 deg	350.00 deg

Field Name	Latitude	Longitude	Pivot Road Angle	Pivot Road Offset	Start Angle	End Angle
Pivot_1_1232025982260	43.29464707528901	-96.96878671646414	-	-	0 deg	360 deg

RECEIVED

JAN 09 2026

OFFICE OF WATER



98N 52W
Section: 05

98N 52W
Section: 04

98N 52W
Section: 03

98N 52W
Section: 02

98N 52W
Section: 08

98N 52W
Section: 09

98N 52W
Section: 10

98N 52W
Section: 11

98N 52W
Section: 12

98N 52W
Section: 17

98N 52W
Section: 16

98N 52W
Section: 15

98N 52W
Section: 14

98N 52W
Section: 13

98N 52W
Section: 20

10170102 Vermillion

98N 52W
Section: 21

98N 52W
Section: 22

Lewis and Clark Lake

98N 52W
Section: 23

98N 52W
Section: 24

98N 52W
Section: 29

98N 52W
Section: 28

98N 52W
Section: 27

98N 52W
Section: 26

98N 52W
Section: 25

98N 52W
Section: 32

98N 52W
Section: 33

98N 52W
Section: 34

98N 52W
Section: 35

98N 52W
Section: 36

RECEIVED

JAN 09 2026

OFFICE OF
WATER

Roger Sieck 208' TH #1 Naomi SD 11/25/25

GPS N 43 17.67677 W 96 58.102

Formation	From	To
Top Soil	0	3
Brown Clay	3	5
Tan Clay	5	8
Tan Clay w/Chalk Layers	8	9
Tan Clay	9	16
Grey Clay	16	40
Yellow Chalk	40	42
Grey Clay	42	68
Sand & Coal	68	69
Grey Clay	69	73
Sand to Gravel	73	75
Grey Clay	75	82
Grey Clay w/Sand	82	86
Grey Clay	86	95
Gravel w/Clay Layers	95	114
Grey Clay	114	144
Sand w/Clay Layers	144	151
Sand	151	168
Grey Clay	168	169
Sand	169	199
Grey Clay	199	208