

BROSZ ENGINEERING, INC.
PO BOX 357
BOWMAN, ND 58623

DATE: 06-26-2023

REF: STATE TRUST LAND
GRAVEL PILES

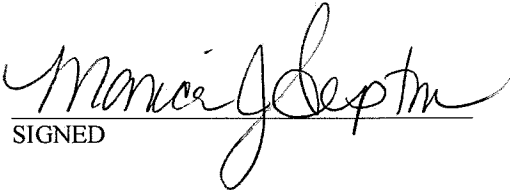
Garret Hecker
North Dakota Department Trust Lands
1707 N 9th Street
Bismarck, ND 58501



LETTER OF TRANSMITTAL	
COPIES	DESCRIPTION OF ITEMS
2	PILE DESCRIPTION AND QUANTITY SHEET

REMARKS: PLEASE FIND THE ABOVE MENTIONED ITEM AS REQUESTED.

IF YOU HAVE ANY QUESTIONS, FEEL FREE TO CALL OUR OFFICE AT 701-523-3340.
THANK YOU.


SIGNED



Volume 1

File 2

Terrain 3D Area: 35044.54 ft²
Cut Volume: 476313.09 ± 8977.64 ft³
Fill Volume: -126.56 ± 159.98 ft³
Total Volume: 476186.53 ± 9137.62 ft³



Help

$$\begin{array}{r} 17,641 \\ + 332 \\ \hline 17,309 \text{ yds}^3 \end{array}$$



Volume 2

File 4

Terrain 3D Area: 95307.09 ft²
Cut Volume: 1609743.82 ± 24362.21 ft³
Fill Volume: -283.65 ± 347.99 ft³
Total Volume: 1609460.17 ± 24710.20 ft³



Help

$$\begin{array}{r} 59620 \\ - 902 \\ \hline 58,718 \text{ yds}^3 \end{array}$$



Volume 3

File 1

Terrain 3D Area: 98695.93 ft²
Cut Volume: 1928579.58 ± 25301.51 ft³
Fill Volume: -112.74 ± 181.73 ft³
Total Volume: 1928466.83 ± 25483.24 ft³



Help

$$\begin{array}{r} 71,429 \text{ yds}^3 \\ - 937 \\ \hline 70,492 \text{ yds}^3 \end{array}$$



Volume 4

File 3

Terrain 3D Area: 86556.14 ft²
Cut Volume: 1589292.04 ± 22586.34 ft³
Fill Volume: -147.94 ± 208.85 ft³
Total Volume: 1589144.10 ± 22795.19 ft³



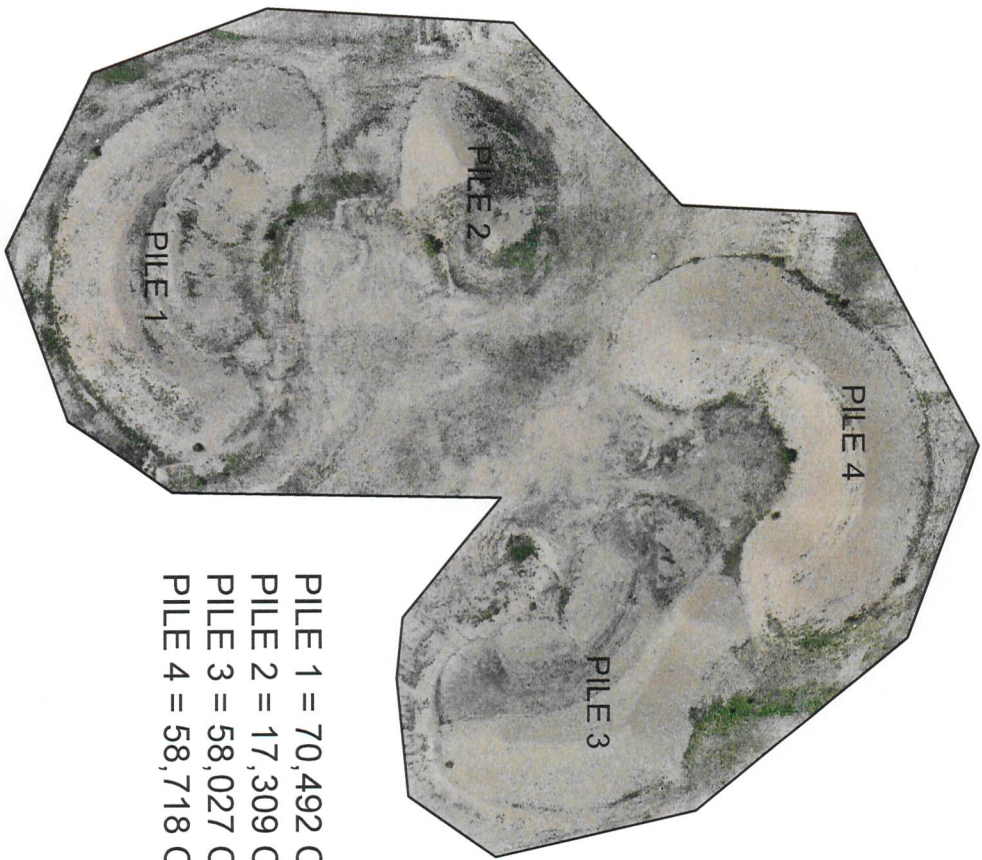
Help

$$\begin{array}{r} 58,863 \text{ yds}^3 \\ - 836 \\ \hline 58,027 \text{ yds}^3 \end{array}$$

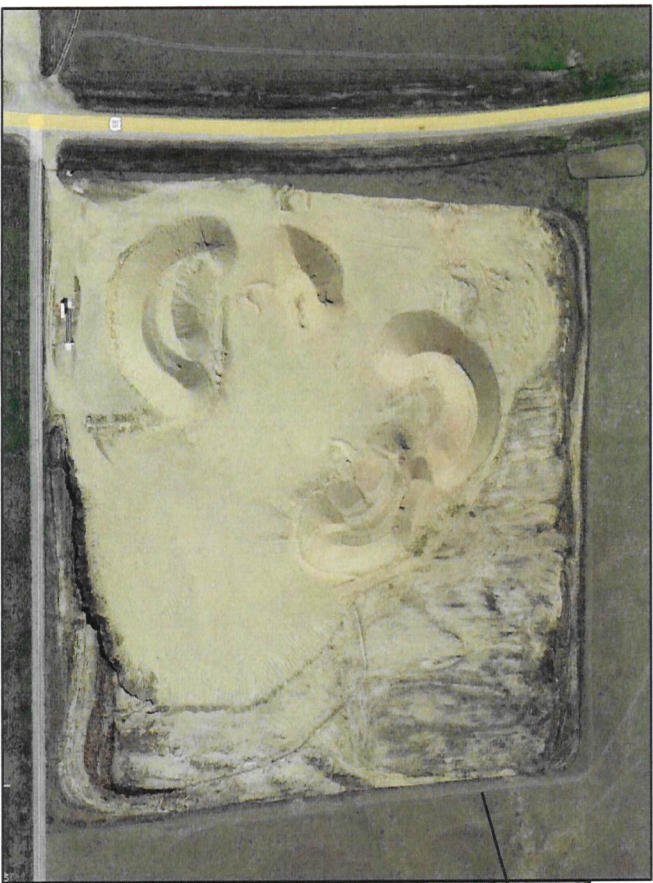
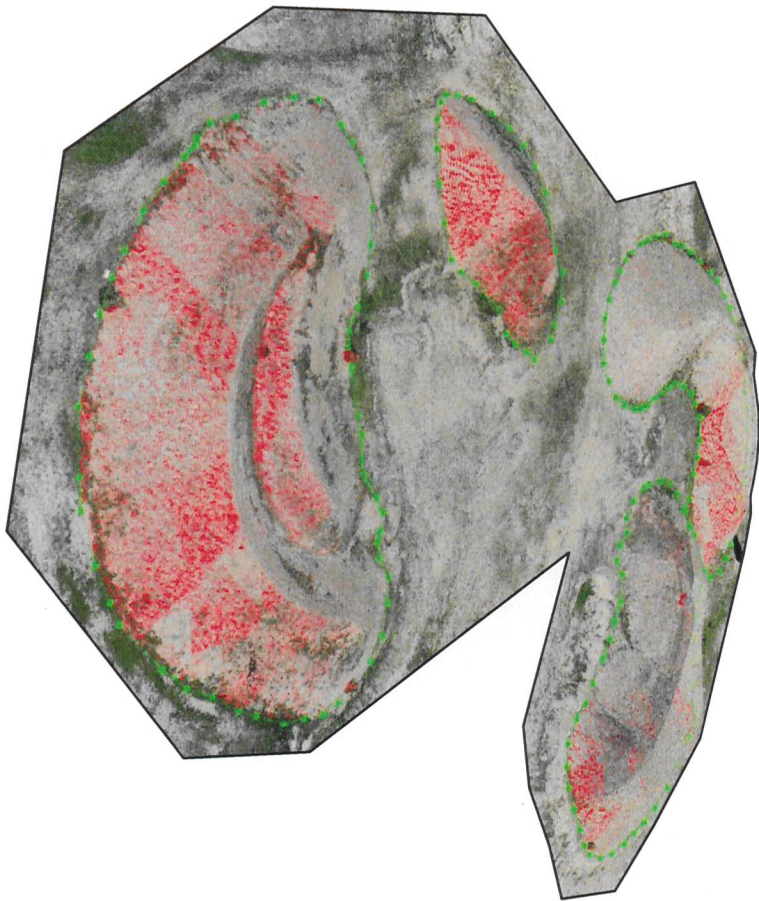




Scale 1" = 200'



PILE 1 = 70,492 CY
PILE 2 = 17,309 CY
PILE 3 = 58,027 CY
PILE 4 = 58,718 CY



NORTH

Dakota

Be Legendary.™

|

Trust Lands

RECEIVED 8:55 AM, JUN 27 2023



Brosz

ENGINEERING, INC.

ARCHITECTURE ENGINEERING SURVEYING

109 S. Main, Box 357

Bowman, ND 58623

PH: 701.523.3340

SHEET DESCRIPTION: PILE DESCRIPTION AND QUANTITY SHEET

PROJECT NAME: STATE TRUST LAND GRAVEL PILES
NW QUARTER SECTION 16, T159N, R100W, WILLIAMS COUNTY ND

PROJECT NO. 2301174

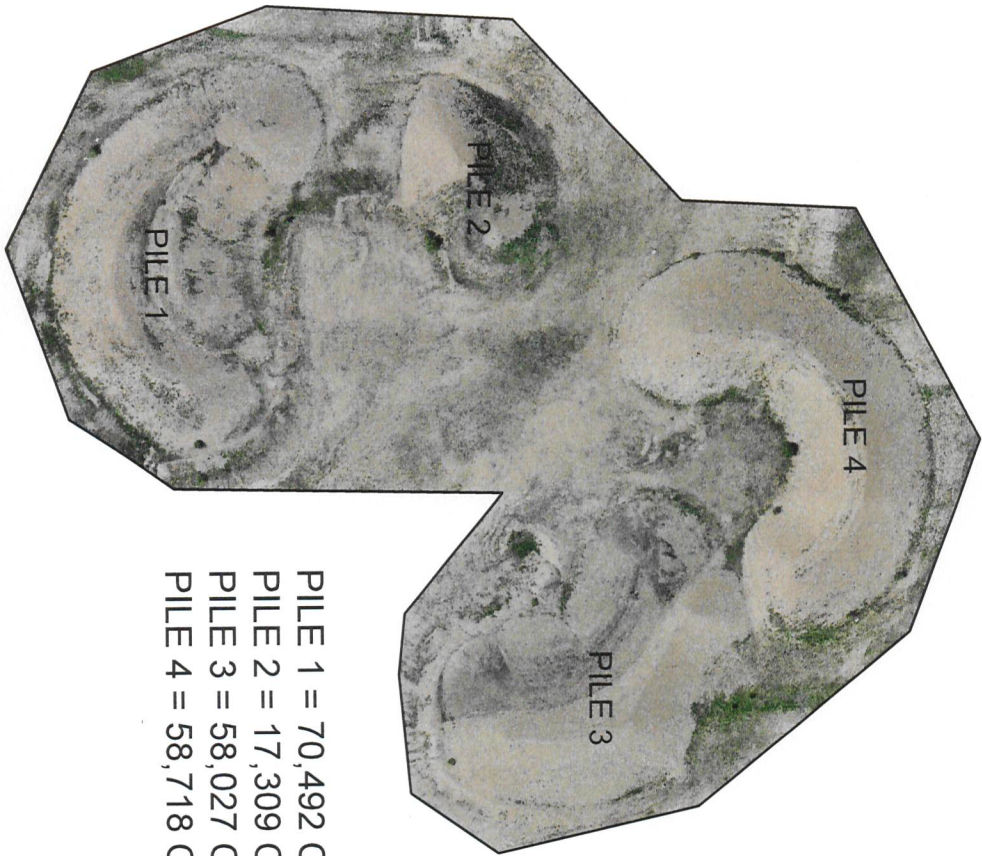
1	
2	
3	
4	

DRAWN BY: JP

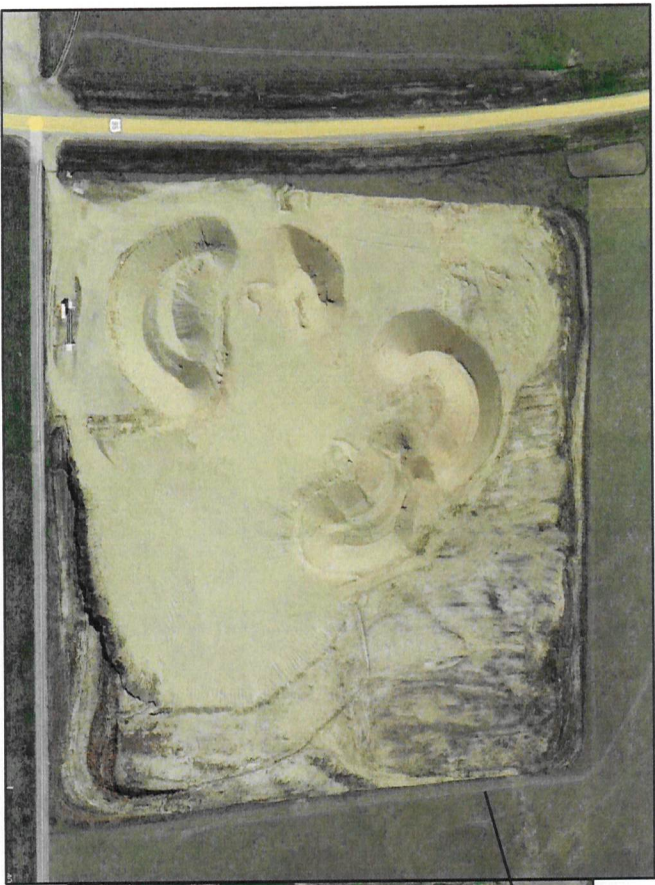
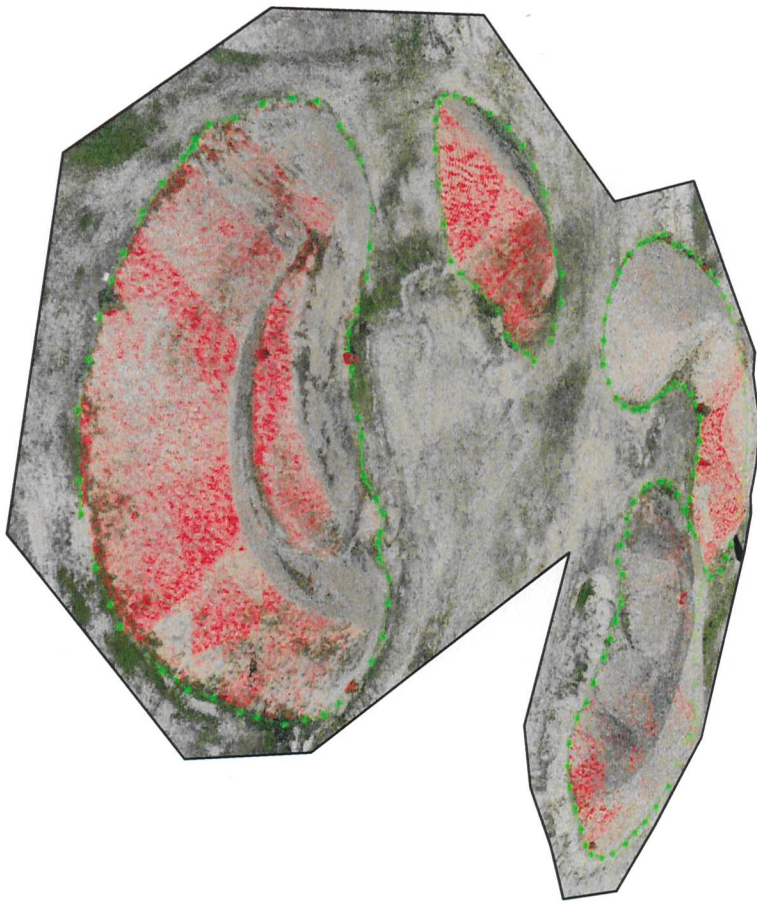
DATE PRINTED: 6-24-23



Scale 1" = 200'



PILE 1 = 70,492 CY
PILE 2 = 17,309 CY
PILE 3 = 58,027 CY
PILE 4 = 58,718 CY



1		
2		
3		
4		