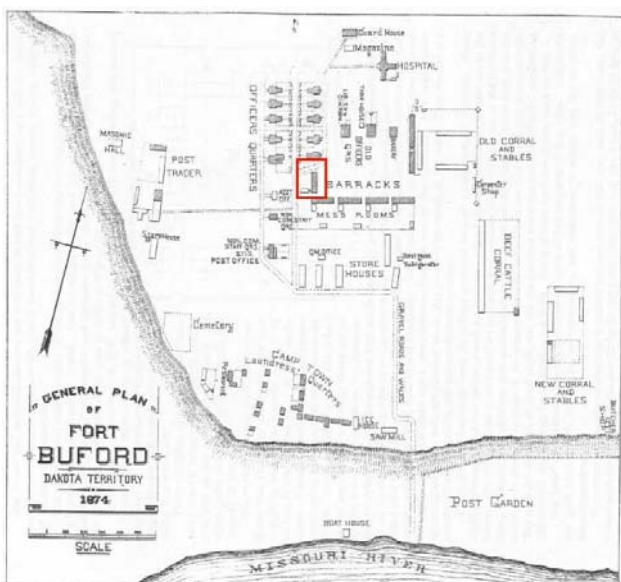


## FORT BUFORD STATE HISTORIC SITE NORTH DAKOTA

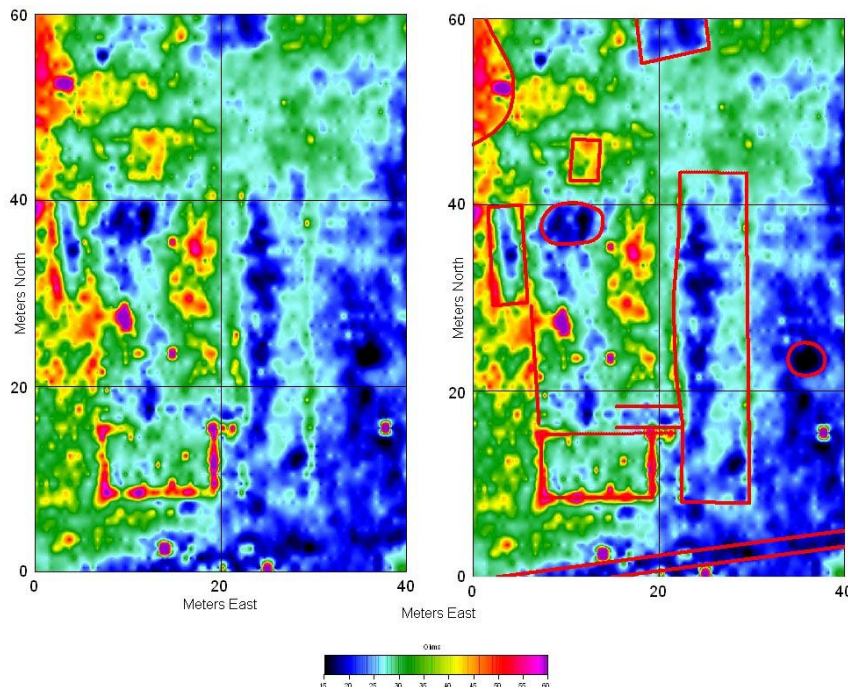
Client: Friends of Fort Union/Fort Buford

The Fort Buford State Historic Site is located near the confluence of the Yellowstone and Missouri Rivers, about 20 miles southwest of Williston, North Dakota. It was one of a number of military posts established to protect overland and river routes used by immigrants settling the West. It was active from 1866 until 1895 and it is where Sitting Bull surrendered in 1881.

The fort was constructed in 1866 and enlarged in 1867. Unfortunately, the buildings were constructed from handmade adobe bricks and green lumber, that resulted in significant deterioration within three years.



Historic map of Fort Buford showing survey area.



Resistance data with and without interpretation.

One of the early adobe barracks was the target of geophysical investigations. Magnetometer surveys were ineffective because of widespread nails and other bits of scrap metal. The resistance survey proved to be very effective for mapping the location of the barracks and other related structures.

The outline of the barracks can be seen

although faintly. The foundation for the kitchen produced a more distinct anomaly suggesting a different construction method. A series of elongated resistance lows west of the barracks are interpreted as possible latrine trenches.

The original survey plan called for only two grid blocks to be surveyed. It was decided while in the field to extend the survey to six. If only two had been surveyed, it probably would not have been possible to recognize the barracks, even though the barracks was covered by the original two grids.

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