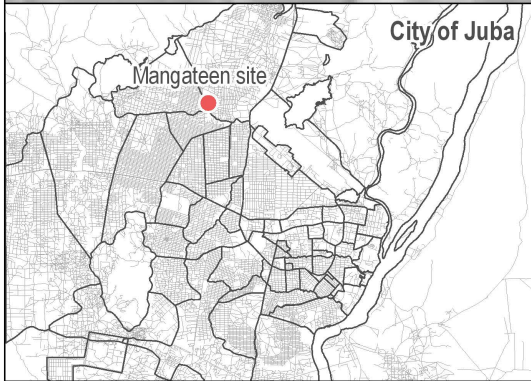



**Methodology**  
*Infrastructure and features in this map have been digitalized using satellite imagery and validated by partners' verification on the ground. Areas and measurements of the site have been calculated using GIS software.*

**Calculation of empty space**  
**Total site size:** approximately 43,685 m<sup>2</sup>  
**Total area currently occupied (infrastructure + shelters):** approximately 7,184 m<sup>2</sup>  
**Empty space within site:** approximately 36,776 m<sup>2</sup>  
**Empty space in the potential new site:** approximately 10,309 m<sup>2</sup>



-  Current Mangateen site

 Temporary site for extension
-  Entry point

 Water point
-  Warehouse

 Health

 Education

 Latrines

 Unknown

 Shelter

**GPS Coordinates of Site Location:**  
**Longitude:** 31°57'07.92" E (31.570792)  
**Latitude:** 4°88'77.8" N (4.88778)

Infrastructure: ACTED, REACH (2018)  
Imagery: WorldView-2 from 27 May 2018  
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Coordinate System: WGS 1984 UTM Zone 36N  
File: REACH\_SSD\_MAP\_Mangateen\_Site\_General\_Infrastructure\_Aug18\_A3  
Contact: south.sudan@reach-initiative.org

*Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associates, donors mentioned on this map.*