Gendrassa Camp, Maban County, South Sudan NHCR Types of Water Sources Used by Refugees ne UN Refugee Agency

Introduction: This map is showing the main type of water points for a family based on a camp survey of 3,126 households by REACH in April 2014, those households account for 3,942 of the ration cards in the camp. This is 95% of all registered households and 98% of individuals expected to be living in Gendrassa. The tent layer - from which these results **are extrapolated** - is expected to be representative of the population distribution across the site because of the robust random sampling methodology used. **Method:** Voronoi polygons are created so that every location within a polygon is closer to the point in that polygon than any other point. Since we have the populated space of the camp, using the principles of a Voronoi diagram allows us to show that if the area is considered inhabited it is under use of the nearest household. Therefore, every household has a space and not just a point allowing for easier and clear display of data at this map's resolution. The polygons in this map should in no way be considered as a plot of land the household owns. **Results:** The usage of tap stands is more than double that of hand pumps. There where 70% of responses for tap stands and their main water source and 30% or hand pumps. Sudan Gendrassa Upper Nil South Sudan 33°37'55"E 33°36'40"E 33°36'15"F Funded by: Type of Water Point Data Sources: Vector Data - REACH (Surveyed Tents, Note: Data, designations and boundaries contained on this map Camp Boundary Mainly Used are not warranted to be error-free and do not imply acceptance by Houshold Data, Camp Assets) REACH or the partners mentioned on this map Satellite Image:Digitalglobe Worldview-2 (December NGO Compunds and Market Surveyed Tents Tap Stand The view expressed in this document are solely the responsibility of Main Road 2013) REACH. The document should not be taken, in any way, to reflect the Coordinate System: GCS WGS 1984 official position of the donors

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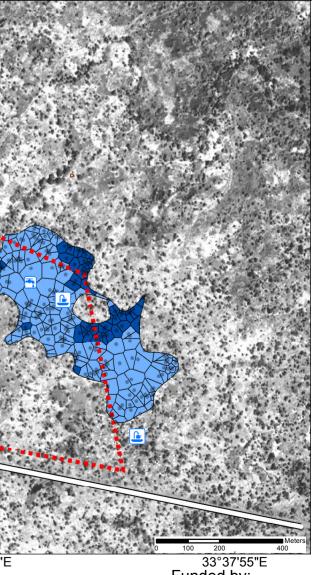
File: SSD WAT WaterPoint Gendrassa 14May2014 A3

Hand Pump

Relocated Jumjum Population

Le Hand Pump

Tap Stand







Humanitarian Aid and Civil Protection

