VILLAGE DAMAGE SUMMARY: ERGENETI, GORI DISTRICT, GEORGIA

Damage Assessment with WorldView-1 & Formosat-2 Satellite Imagery Recorded on 19 August 2008

Damage Summary for Buildings in Ergneti Village:

- Total estimate of affected buildings = 58
- 41 buildings have likely been destroyed
- 17 buildings have likely been severely damaged

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Analysis Description:

This map presents a satellite-based damage assessment for the affected village of Ergneti, Gori District, Georgia following the armed conflict between Georgian and Russian military forces, August 2008. Damaged buildings have been identified with WorldView-1 & Formosat-2 satellite imagery acquired on 19 August 2008. The conflict in South Ossetia has had a devastating impact on the region.

Affected buildings were assessed either as destroyed or severely damaged by standard satellite image interpretation methods. Destroyed buildings have been defined either by the total collapse of the structure or when standing but with less than 50% of the roof still intact. Severely damaged buildings have been defined either by the total collapse of the structure or when standing but with less than 50% of the roof still intact. Buildings identified in the map were visually assessed by UNOSAT personnel.

The estimated total number of affected buildings for the selected village is approximately 58. Of this total, 41 buildings have likely been destroyed and 17 buildings have likely been severely damaged. An important preliminary finding of this satellite damage analysis is that there is a heavy concentration of damages within clearly defined residential areas.

Please note, this is an initial damage assessment and has not yet been independently validated on the ground. Please send any additions or corrections to UNOSAT.