## Annex E.2.4 Public

Corrected Version of ICC-01/15-4-AnxE.2.4

## **VILLAGE DAMAGE SUMMARY: EREDVI, BERULA** & ARGVITSI, SOUTH OSSETIA, GEORGIA

Damage Assessment with Ikonos & WorldView-1Satellite Imagery Recorded on 10 & 19 August 2008

This map presents a satellite-based damage assessment for the affected villages of Eredvi, were classified either as destroyed or severely damaged by standard image interpretation methods. Destroyed buildings have been defined by the total collapse of the structure or when Russian military forces in August 2008. Damaged buildings have been identified with Ikonos & it was standing but with less than 50% of the roof still intact. Severely damaged buildings were WorldView-1 satellite imagery acquired on 10 & 19 August 2008. Building damages have been classified by their date of detection as well as by the degree of damage. An estimated 94% of buildings were likely damaged or destroyed between the dates of 10 and 19 August were identified as having 'no visible damage'—this does not mean the buildings are 2008. The satellite-detected active fire data recorded daily supports this date estimate, suggesting further that most building damages likely occurred on 12-13 August (please see the fire map inset). Additional fire-related damages may also have occurred on 22 August, This is an initial damage assessment and has not yet been independently validated on the however this is not reflected in the damage figures presented in this map. Affected buildings ground. Please send additions/corrections to UNOSAT.

This map presents a satellite-based damage assessment for the affected villages of Eredvi, were classified either as destroyed or severely damaged by standard image interpretation

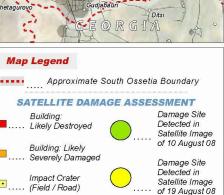
Fire & Armed 16 October 2008 Conflict



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Version 1.0





LOCATION & DATE 12 Aug 2008

22 Aug 2008 Active Fire Detected within

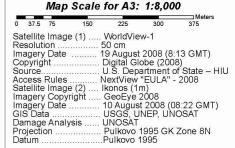
13 Aug 2008

1km2 Satellite Pixel Area



Damaged Buildings & Active Fire Industrial Building Area

Minor Road & Cultivated Area



The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellife Applications Program (UNICSAT) UNIOSAT provides satellife imagery & related geographic information to UN humanitarian & development agencies & their implementing partners.



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