

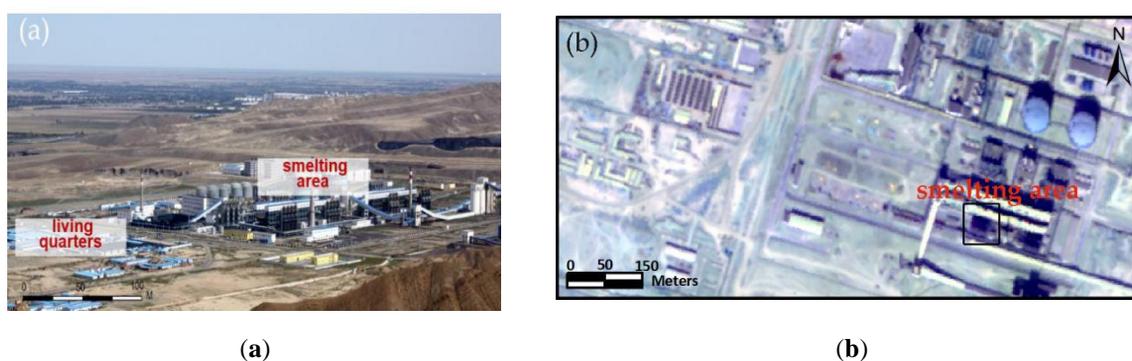
1 Article

2 **Detecting the sources of methane emissions from oil**
3 **shale mining and processing using airborne**
4 **hyperspectral data**

5 Chunlei Xiao, Bihong Fu*, Hanqing Shui, Zhaocheng Guo and Jurui Zhu

6 **Supplementary Material**

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8 **Figure 1.** (a) The field photograph showing the oil-shale retorting plant; (b) The location (shown in
9 the black box) of methane plumes observed using the thermal imaging camera.

10 **Video A1:** Video showing the methane plumes emitted from oil shale smelting area, which was acquired
11 using a thermal imaging camera (FLIR GF320—<https://www.flir.cn/products/gf320>) around 9:00 am (Local
12 Time) on August 8, 2019.

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