1	Supporting Information
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3	Elemental Composition, Leachability Assessment and Spatial Variability Analysis of
4	Surface Soils in the Mugan Plain in the Republic of Azerbaijan
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22	Number of pages : 4
23	Number of tables : 1
24	Number of figures : 2

- 25 Table S1 Correlation coefficient matrix of 19 elements determined using XRF in agricultural and salt-affected soils.
- 26 An asterisk (*) indicates a correlation coefficient above 0.5 or below -0.5, which means a significant correlation.
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Fig. S1 Scatter plot of the average concentrations of 11 elements measured by XRF and ICP-OES. The samples
measured by ICP-OES were digested with aqua regia solution, while dried and ground samples were used for
XRF analysis. A log scale is used, and the text indicates element abbreviations. The gray dashed line indicates
the 1:1 line. The number of samples is 70 and 20 for agricultural and salt-affected soils, respectively.



Fig. S2 Sequential Google satellite images from Dec. 1987 to Dec. 2016. Blue circles and red triangles indicate
agricultural and salt-affected soils, respectively. The satellite map was from Google Earth software (Map
data: Landsat/Copernicus).