



Tarnowo Podgórne, 6 May 2004

Letter of reference

NCC Polska Sp. z o.o., being a General Contractor of the new A2 toll motorway in Poland at Section 3: Nowy Tomyśl - Komorniki, hereby confirms that Keller Polska Sp. z o.o. has been appointed as geotechnical subcontractor for a number of sites with difficult soil conditions.

The executed ground improvement works, conducted between 2002 and 2004, included successful application of various specialized techniques, as for instance:

- compaction of loose fill using vibroflotation, involving about 26.000 l.m.,
- vibroreplacement works, using advanced bottom feed system for execution of gravelcolumns in organic and stratified soils, involving about 2.000 l.m.,
- displacement/compaction grouting to improve weak organic soils below an old mineral fill, involving about 10.400 l.m.,
- soil mixing, applied for foundation of 23 highway bridges, involving about 22.000 l.m.

We are very satisfied with the technical competence, quality and timing of works executed for us by Keller Polska, and may therefore with great pleasure recommend this company as a specialized geotechnical contractor.

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Project Director

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Production Department Director

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Project A-2

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