

Severity of liquefaction-induced hazard	Description of field ground status
Little to none	Non-liquefaction. There is no sand boils phenomenon and no ground failure.
Minor	Slight liquefaction. The phenomenon of the sand boil is sporadic, but there is no ground failure.
Medium	Moderate liquefaction. There is a medium sand boil phenomenon, which has a short duration, small gushing quantity and small scale, the quantity of surface subsidence is less than 3 % of the sand layer thickness that can cause structural damage, and tiny cracks in the ground occur, but there is no lateral spreading.
Severe	Serious liquefaction. There is a serious sand boil phenomenon, which has a long duration, large gushing quantity and wide scale, surface largely crazes, and lateral spreading and severe subsidence affect structures' services. The quantity of surface subsidence is more than 3 % of the sand layer thickness.