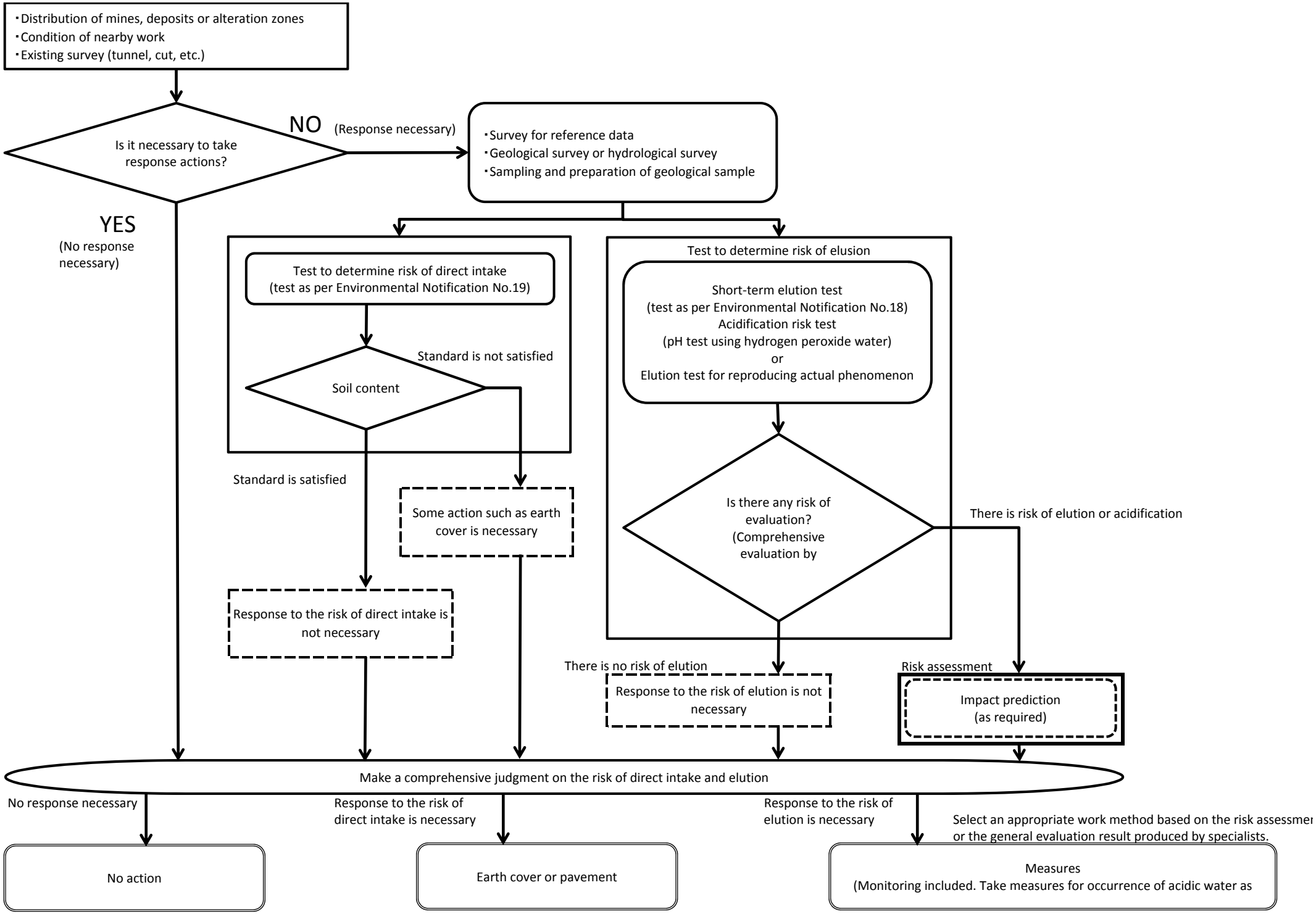
・Distribution of mines, deposits or alteration zones
・Condition of nearby work
・Existing survey (tunnel, cut, etc.)
Is it necessary to take response actions?
NO
(Response necessary)
・Survey for reference data
・Geological survey or hydrological survey
・Sampling and preparation of geological sample
YES
(No response necessary)
Test to determine risk of direct intake
(test as per Environmental Notification No.19)
Standard is not satisfied
Soil content
Standard is satisfied
Some action such as earth cover is necessary
Response to the risk of direct intake is not necessary
Test to determine risk of elusion
Short-term elution test
(test as per Environmental Notification No.18)
Acidification risk test
(pH test using hydrogen peroxide water)
or
Elution test for reproducing actual phenomenon
Is there any risk of evaluation?
(Comprehensive evaluation by
There is risk of elution or acidification
There is no risk of elution
Response to the risk of elution is not necessary
Risk assessment
Impact prediction
(as required)
Make a comprehensive judgment on the risk of direct intake and elution
No response necessary
Response to the risk of direct intake is necessary
Response to the risk of elution is necessary
Select an appropriate work method based on the risk assessmer
or the general evaluation result produced by specialists.
No action
Earth cover or pavement
Measures
(Monitoring included. Take measures for occurrence of acidic water as