## (DIGEST OF PROPOSED 1ST SUBSTITUTE)

Advances the development of geothermal resources to promote renewable energy.

Requires the department of natural resources to develop, periodically revise, and publish an inventory and map of state-owned lands suspected of having great potential for geothermal resource production.

Prohibits the department from constructing or operating commercial geothermal facilities.

Directs the joint center for deployment and research in earth-abundant materials to promote research of methods and technologies that will allow for the economical extraction of metals, minerals, and rare earth elements from underground fluids brought to the surface by geothermal power plants.

Requires the board of directors of the joint center to allocate appropriated seed funds for collaboration on research of methods and technologies for the extraction.