

AOR BOUNDARY CONDITIONS DESCRIPTION

CTV VI

AoR Boundary Condition

Site Geology and Hydrology

Claimed as PBI

(confining zone and lower sealing zone described in **Attachment A: Narrative Report [Attachment A]**) Claimed as PBI

The Injection Zone is Claimed as PBI

The Class VI injection wells will target injection Claimed as PBI

Well data, open-hole well logs (**Figure 2**), core data and 2D seismic lines were used to define the subsurface geological characteristics of stratigraphy, lithology, and rock properties.

Boundary Conditions

The following Boundary conditions were applied to the model domain:

- The Injection Formations are bound above Claimed as PBI and was thus set as a no-flow boundary.

- Claimed as PBI bounding conditions to the model are open, a Claimed as PBI. The Claimed as PBI were modeled with a pore volume multiplier based on regional sand and porosity mapping. Claimed as PBI aquifer properties are given in **Table 1**.

- Claimed as PBI

Table 1. **Claimed as PBI** Aquifer Property

Claimed as PBI

Claimed as PBI

Figure 1. Cross section showing stratigraphy and lateral continuity of major formations across the AoR.

Claimed as PBI

Figure 2. Location of wells with open-hole log data used to develop the static and computational models.