Chart

Description automatically generated.

Figure 1. Flow from the left and right boundary

Chart

Description automatically generated

Figure 2. Flow from the left and right boundary and the center with K = 0.01 in middle

Chart, histogram

Description automatically generated

Figure 3. Flow from the left and right boundary and the center with K = 100 in middle

Table 1. Calculated Flows

|  |  |  |
| --- | --- | --- |
| K of box (m/d) | Calculated q (m/d) | Formula used |
| 0.01 | -0.00004 | q = -K dH/dz |
| 0.1 | -0.0004 |
| 1 | -0.004 |
| 10 | -0.040 |
| 100 | -0.40 |

Table 2. Calculated Keq

|  |  |  |
| --- | --- | --- |
| K box (m/d) | Calculated keq (m/d) | Formula used |
| 0.01 | 0.201 |  |
| 0.1 | 0.735 |
| 1 | 1 |
| 10 | 1.037 |
| 100 | 1.041 |