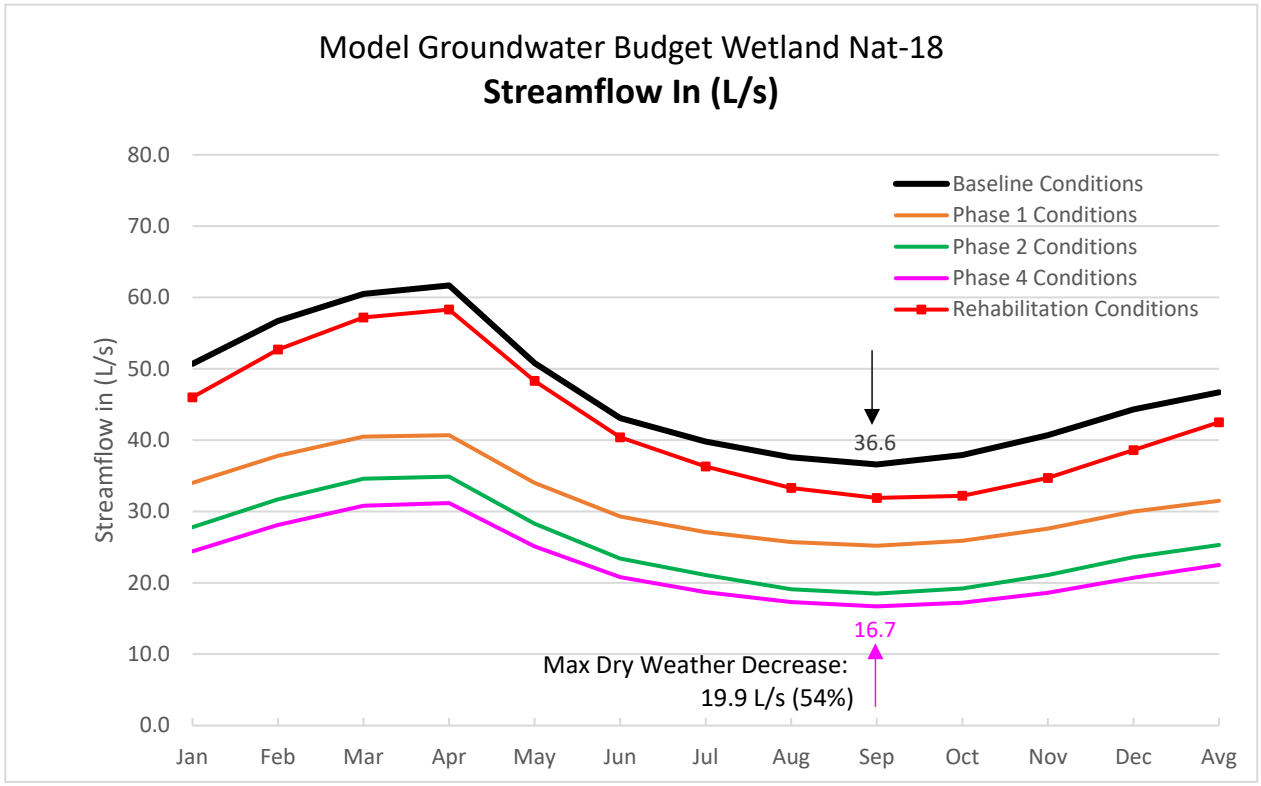

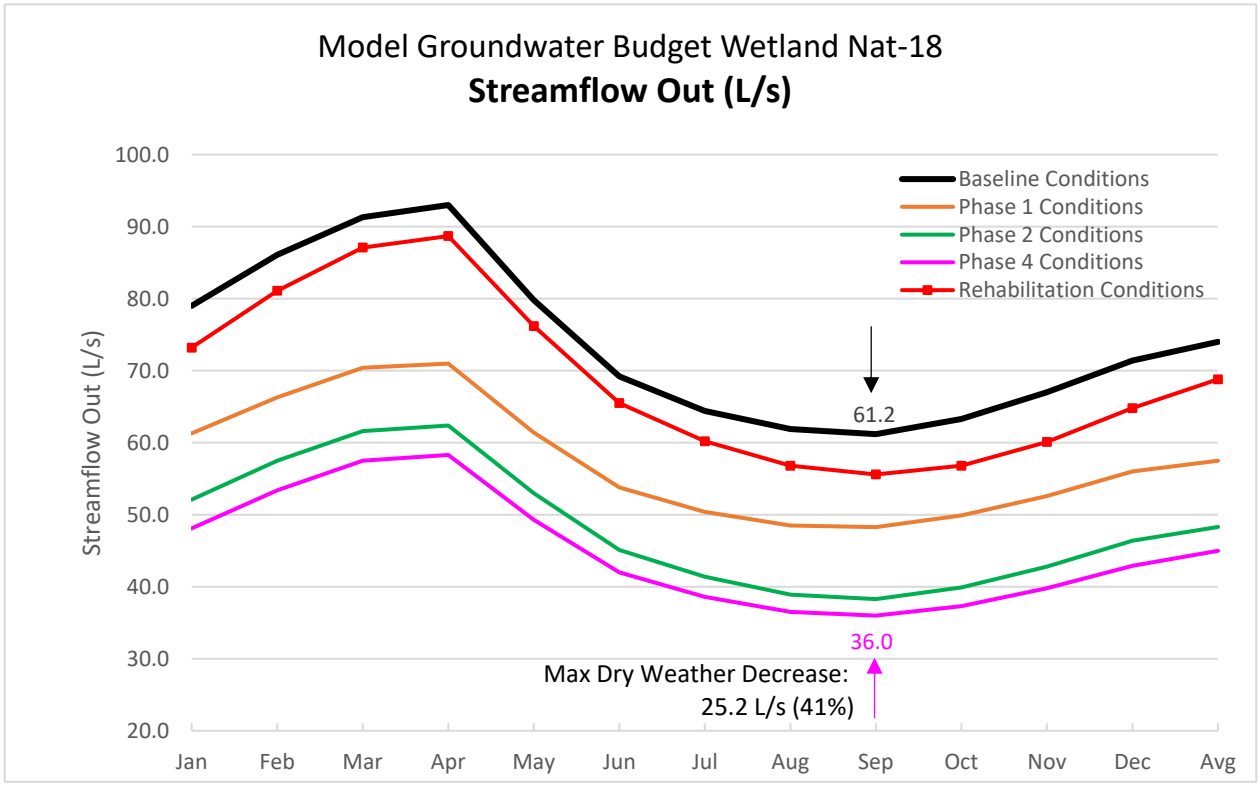

Source: Draft Impact Assessment Report, Strada Aggregates, Proposed Strada Pit/Quarry, by Earthfx, Aug 14, 2024
(See enclosed data Table)

File: Strada
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Streamflow In and Out Impacts

Proposed Strada Quarry Operation Conditions

Horning's Mils Lake Between County Rd 124 (In) and Main Street (Out)

Table H.2

Page 46 Table 3.2: Monthly groundwater budget under **Baseline Conditions** Wetland NAT-18

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Streamflow In (L/s)	50.7	56.7	60.5	61.7	50.8	43.1	39.8	37.6	36.6	37.9	40.7	44.3	46.7
Streamflow Out (L/s)	79.0	86.1	91.3	93.0	79.8	69.2	64.4	61.9	61.2	63.3	67.0	71.4	74.0
Avg Lake Stage (masl)	450.8	450.8	450.8	450.8	450.8	450.7	450.7	450.7	450.7	450.7	450.7	450.7	450.8

Page 70 Table 4.5: Monthly groundwater budget under **Phase 1 Conditions** Wetland NAT-18

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Streamflow In (L/s)	34.0	37.8	40.5	40.7	34.0	29.3	27.1	25.7	25.2	25.9	27.6	30.0	31.5
Streamflow Ou (L/s)t	61.3	66.3	70.4	71.0	61.4	53.8	50.4	48.5	48.3	49.9	52.6	56.0	57.5
Avg. Lake Stage (masl)	450.8	450.8	450.8	450.8	450.8	450.7	450.7	450.7	450.7	450.7	450.7	450.7	450.8

Page 90 Table 4.13: Monthly groundwater budget under **Phase 2 Conditions** Wetland NAT-18

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Streamflow In (L/s)	27.8	31.7	34.6	34.9	28.3	23.4	21.1	19.1	18.5	19.2	21.1	23.6	25.3
Streamflow Out (L/s)	52.1	57.5	61.6	62.4	53.0	45.1	41.4	38.9	38.3	39.9	42.8	46.4	48.3
Avg Lake Stage (masl)	450.7	450.7	450.7	450.7	450.7	450.6	450.6	450.6	450.6	450.6	450.6	450.6	450.6

Page 110 Table 4.21: Monthly groundwater budget under **Phase 4 Conditions** Wetland NAT-18

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Streamflow In (L/s)	24.4	28.1	30.8	31.2	25.1	20.8	18.7	17.3	16.7	17.2	18.6	20.7	22.5
Streamflow Out (L/s)	48.1	53.4	57.5	58.3	49.3	42.0	38.6	36.5	36.0	37.3	39.8	42.9	45.0
Avg. Lake Stage (masl)	450.6	450.7	450.7	450.7	450.7	450.6	450.6	450.6	450.6	450.6	450.6	450.6	450.6

Page 130 Table 4.29: Monthly groundwater budget under **Rehabilitation Conditions** Wetland NAT-18

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
Streamflow In (L/s)	46.0	52.7	57.2	58.3	48.3	40.4	36.3	33.3	31.9	32.2	34.7	38.6	42.5
Streamflow Out (L/s)	73.2	81.1	87.1	88.7	76.2	65.5	60.2	56.8	55.6	56.8	60.1	64.8	68.8
Avg. Lake Stage (masl)	450.8	450.8	450.8	450.8	450.8	450.7	450.7	450.7	450.7	450.7	450.7	450.7	450.7

Source: Draft Impact Assessment Report, Strada Aggregates, Proposed Strada Pit/Quarry, by Earthfx, Aug 14, 2024

Notes: 1) Assumed CGVD2013 m asl

2) Quarry Phase 1, 2 and 4 Conditions Unknown.

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Model Baseline Water Table Condition for County Roads ( )

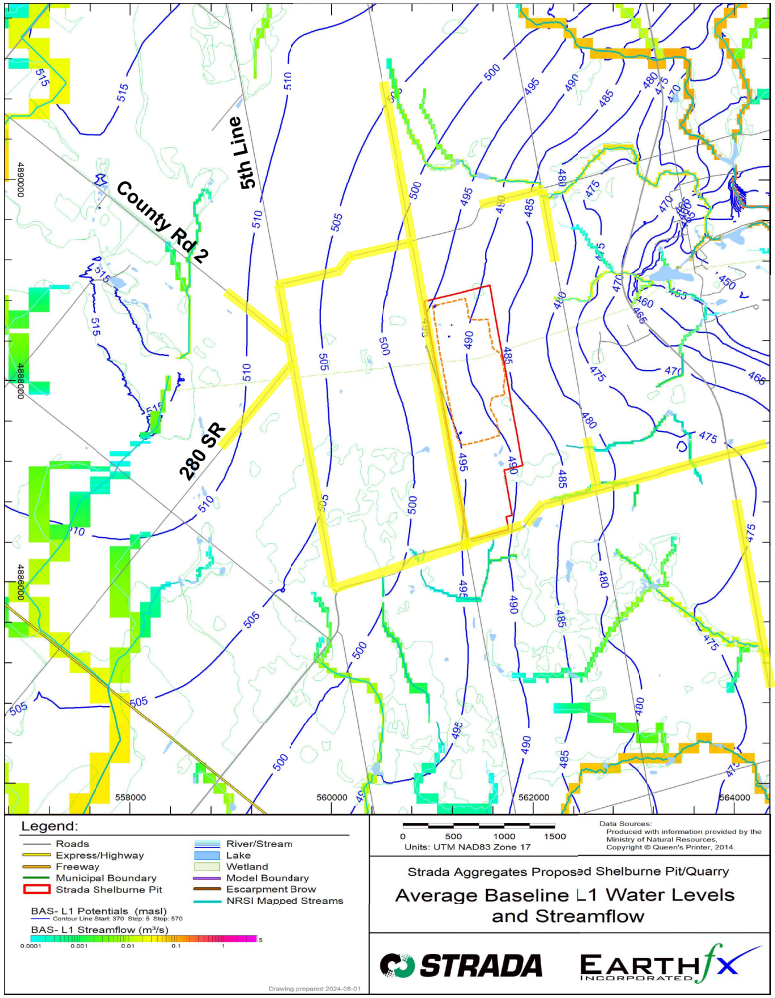


Figure 3.3: Average Baseline Layer 1 Water Table and Streamflow

Model Adverse Water Table Rise (Phase 4 Layer 1) by County Roads ( )

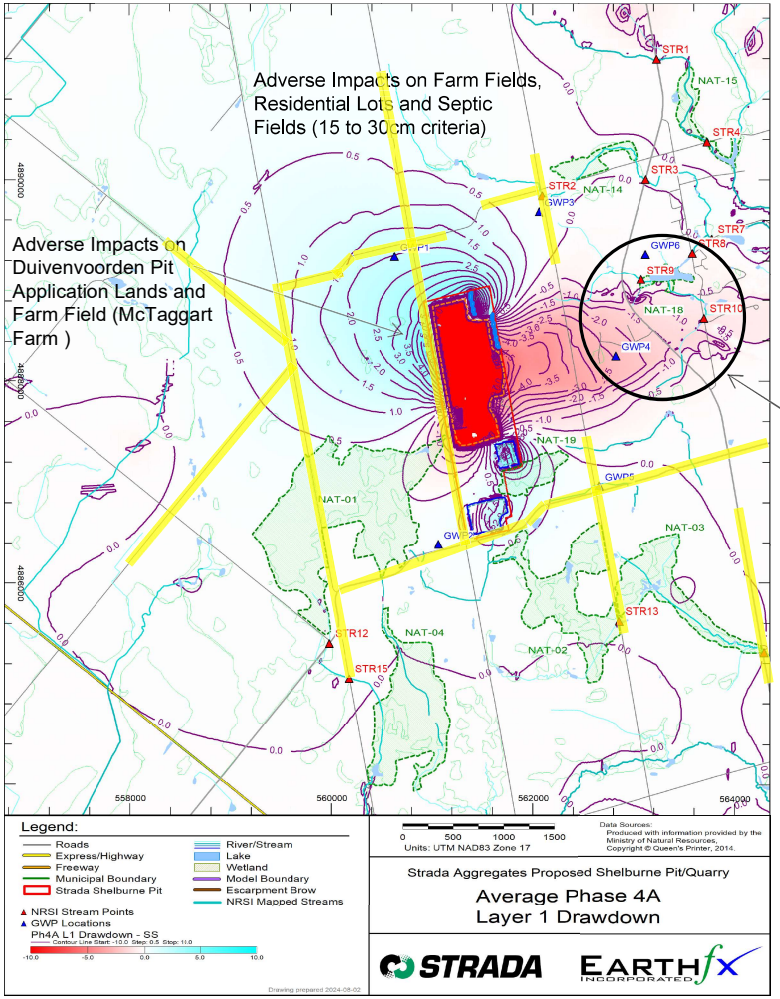


Figure 4.35: Average Phase 4 Layer 1 Drawdown

Model Water Level Potential (Baseline)

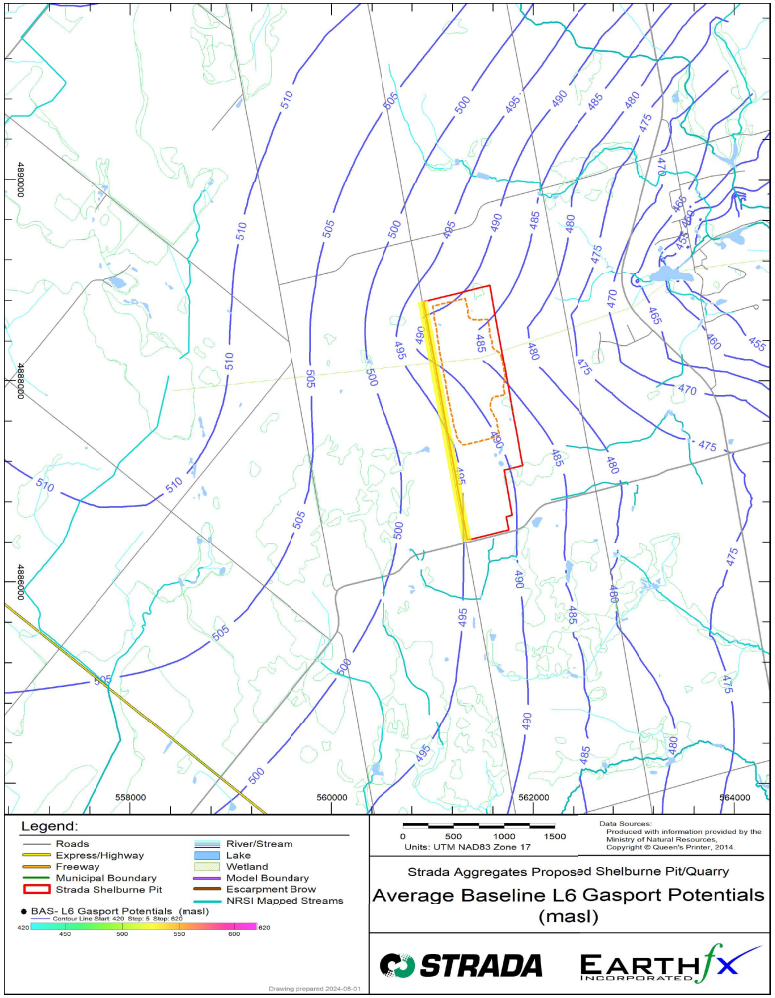


Figure 3.5: Average Gasport Formation Water Levels

Increase in Water Level Potential - Phase 4 Layer 6 West of Prince Pit

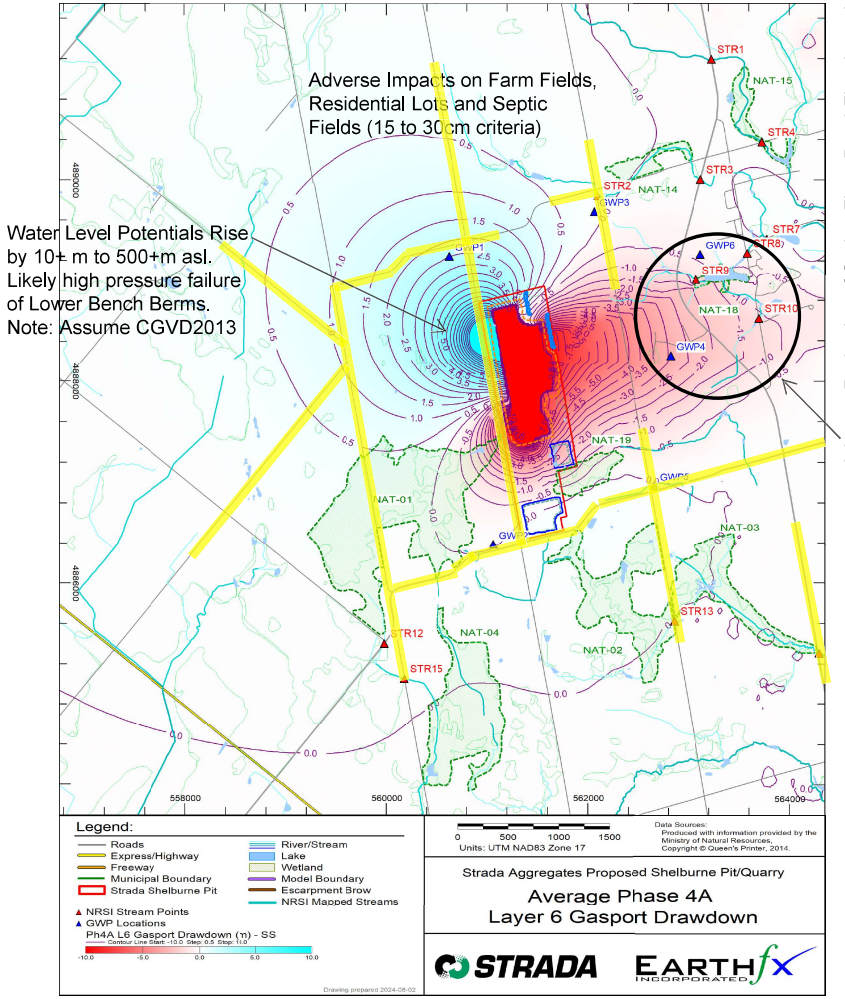
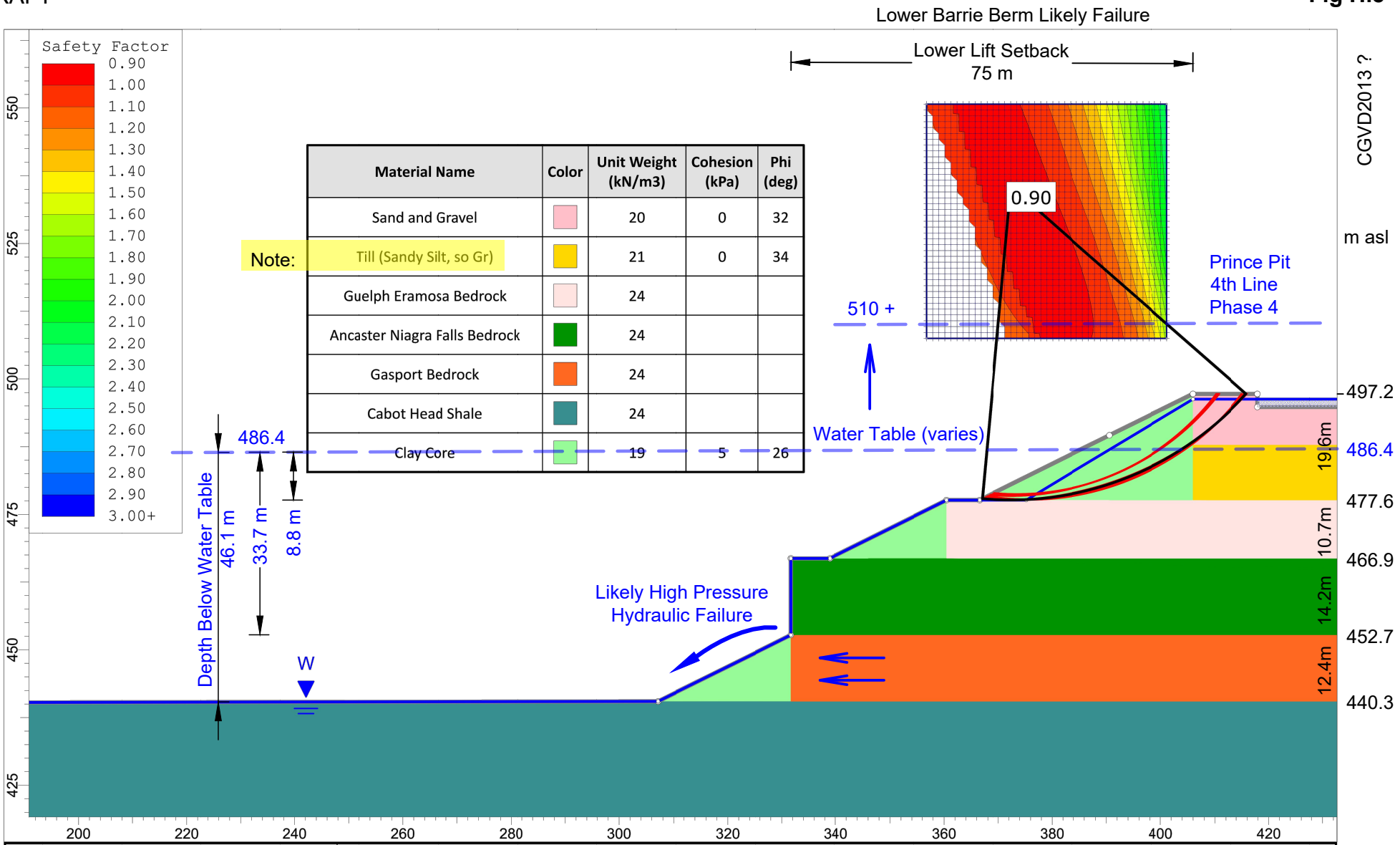


Figure 4.37: Average Phase 4 Layer 6 Gasport Drawdown

Fig H.8



File Date: August 26, 2024
Source: Draft Impact Assessment Report,Proposed Strada Pit/Quarry, by Earth Fx Incorporated, August 14, 2024