## Appendix 7

## AEM Results- Flight Line Profiles and Hydrogeologic Interpretations

# Tie－Lines between Flight Blocks <br> Reference Map 



# Tie－Lines between Flight Blocks <br> Quaternary Interpretations with Boreholes and NDNR Water Levels 





15

| Interpretation |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cretaceous Bedrock | Quatemary Deponits | Tricoess (confring malerals) < $150 \mathrm{fim}-\mathrm{m}$ | Acuiber Bediock Resistor $>21 \mathrm{ohm} \cdot \mathrm{m}$ | Bedrock Surface | Water Leve surfoce | Depch of investigation |
|  |  |  |  | -- | ..... |  |









## Tie－Lines between Flight Blocks Bedrock Interpretations









Interpretation




| Resistivity (ohm-m) |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |
| 15 | 20 | 30 | 40 | 50 |

Interpretation




Interpretation






# North Flight Block Profiles Reference Map 



## North Flight Block Profiles Quaternary Interpretations with Boreholes and NDNR Water Levels













| Interpretation |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cretaceous Bedrock | Quatemary Deponits | Trupers (oonfering matorals) < 180 ohmem | Noulor(Pedrock Resator $>24 \mathrm{ohm} \cdot \mathrm{m}$ | Bedrock Surfate | Water Leve suftese | Degch of irvestigation |
|  |  |  |  | ---- | ........ |  |










15
Interpretation

| Cretaceous |
| :---: |
| Bedrock | | Qubtemany |
| :---: |
| Deposis |

$\square$


































|  |  |  |  |  |  | ithol | logy |  |  |  |  |  |  |  |  | Water Level |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  | $\begin{aligned} & \frac{8}{5} \\ & \frac{5}{5} \\ & \frac{5}{6} \\ & \hline \frac{5}{6} \end{aligned}$ |  |  |  | \％ |  <br> istivity（oh |  |  |  | $\frac{8}{6}$ |  | $\begin{aligned} & \text { 总 } \\ & \text { 豆 } \\ & \underline{y} \end{aligned}$ | $\begin{aligned} & \text { 亳 } \\ & \text { 皆 } \\ & \hline \end{aligned}$ |  |  |
| 15 |  |  | 20 |  |  |  |  |  |  | 30 |  |  |  |  |  | 40 |
| Interpretation |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  | ouilerPedrock P $>21 \mathrm{ohm}-\mathrm{n}$ | Resator <br> m |  | Bedrock Surface |  | Waterleve surtact |  |  | Degch of investigation |  |


































Interpretation
























## North Flight Block Profiles Bedrock Interpretations




















## Interpretation








Interpretation










Interpretation






## Interpretation



























## Interpretation



















## Interpretation
































## Interpretation












Interpretation




Interpretation





Interpretation



















Interpretation






















## Interpretation























Interpretation












Interpretation














Interpretation
























































