

Explanation of Map Units

- ### Surficial Deposits

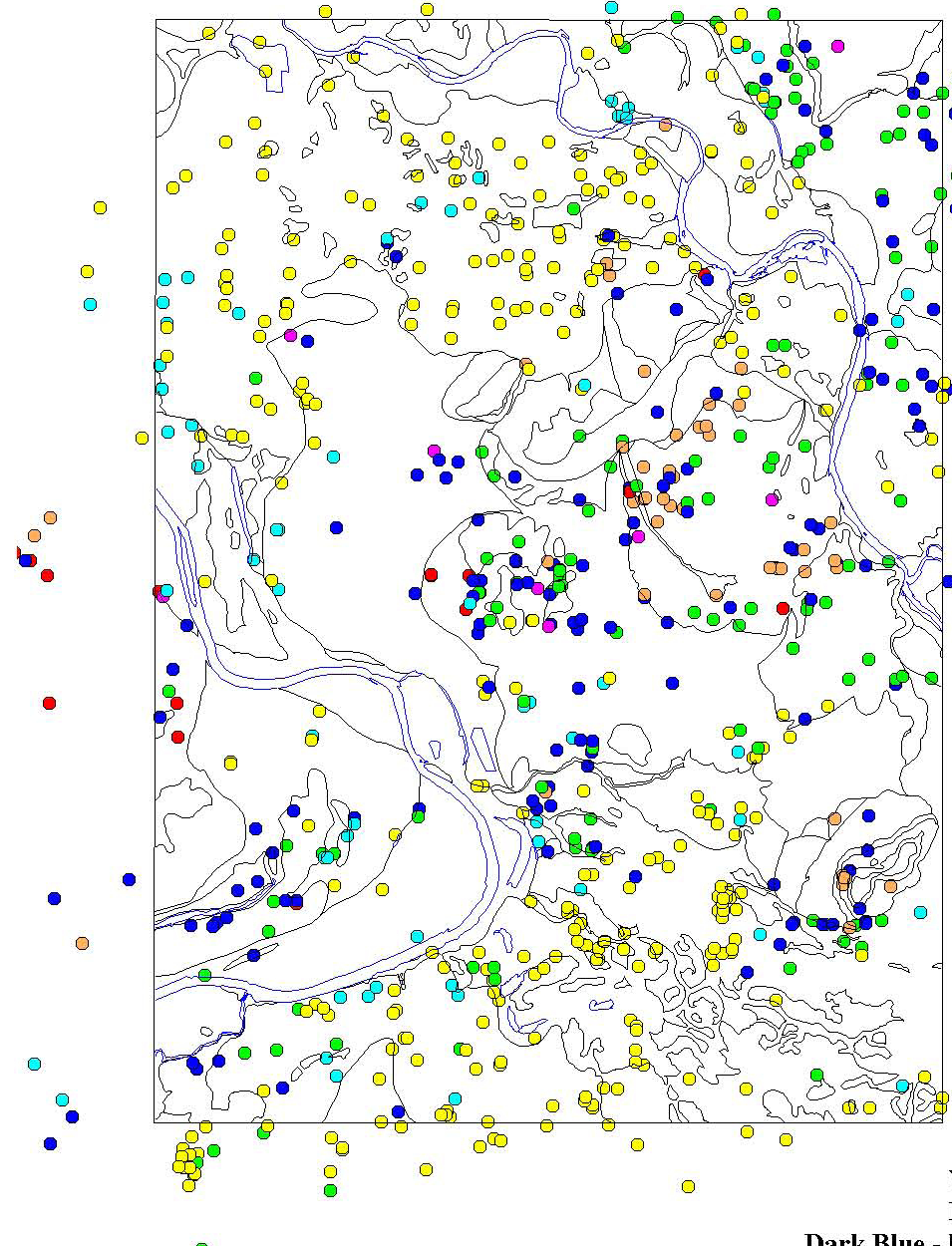
- | | |
|------------|---------------------------------------|
| m | Manmade fill (Historic) |
| Qng | Near channel gravel (Recent) |
| Qnc | Near channel sand and silt (Recent) |
| Qys | Young sand and silt (Holocene) |
| Qyg | Young gravel and sand (Holocene) |
| Qal | Alluvium, undivided (Holocene) |
| Qaf | Alluvial fan (Holocene) |
| Qls | Landslide deposits (Holocene) |
| Qrs | Reworked (Willamette) silt (Holocene) |
| Qrg | Reworked (Linn?) gravel (Holocene) |
| Qhl | Willamette Silt (upper Pleistocene) |
| Qh | Linn Gravel (upper Pleistocene) |
| Qlc | Leifur Gravel (upper Pleistocene?) |
| Qla | Lacomb Gravel (lower Pleistocene) |

Key to Symbols

- | | |
|--|--|
| | Strike and dip of bedding |
| | Approximate strike and dip of bedding |
| | Geochemical Sample and Map Number |
| | Contact: certain, approximate, concealed |
| | Fault, concealed |
| | Thrust Fault, concealed |
| | Plunging Anticline: approximate, concealed |
| | Plunging Syncline: approximate, concealed |
| | Gas Exploration Well |
| | Line of Cross Section |
- Subtopping unit symbol shown in parentheses beneath Willamette Silt

Unconformity

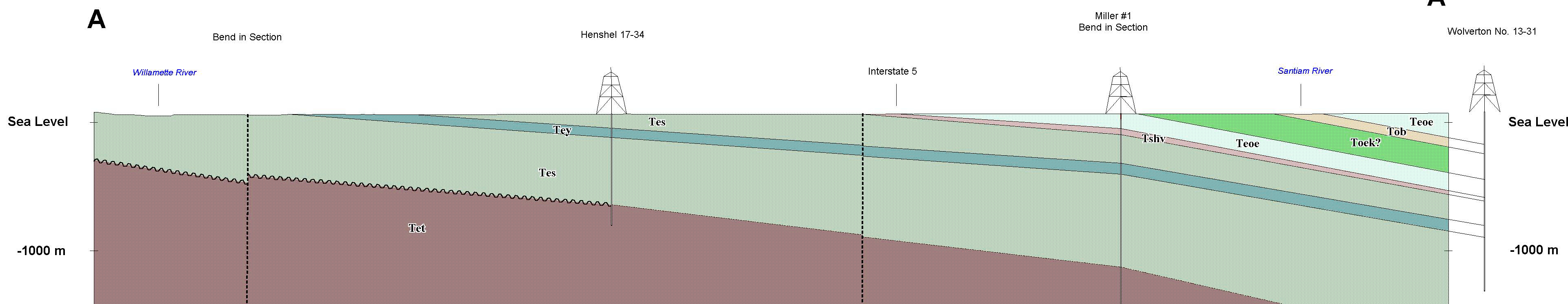
- | | |
|------|---|
| Tkb | Basaltic Andesite of Knox Butte (Oligocene) |
| Tob | Basalt, undivided (Oligocene) |
| Teok | Keasy Formation (upper Eocene and Oligocene)—tuffaceous siltstone |
| Teoe | Eugene Formation (upper Eocene and Oligocene)—sandstone and siltstone |
| Tvsh | Volcanics of Scrawel Hill (upper Eocene)—basaltic andesite |
| Tey | Yamhill Formation (middle to upper Eocene)—mudstone and siltstone |
| Tes | Spencer Formation (middle to upper Eocene)—sandstone, pebbly sandstone, siltstone |
| Tetf | Tyee Formation (middle Eocene)—cross section only, includes Lorane siltstone |



Scale 1:100,000

Yellow - bottoms in gravel or sand
Light Blue - bottoms in clay or silt
Dark Blue - bottoms in bedrock (predominantly sandstone)
Green - bottoms in bedrock (predominantly siltstone)
Red - bottoms in bedrock, contains lignite or coal
Purple- bottoms in bedrock, contains conglomerate
Orange-bottoms in bedrock, contains volcanic rock

Cross Section A-A'



No Vertical Exaggeration
Surficial units not shown

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