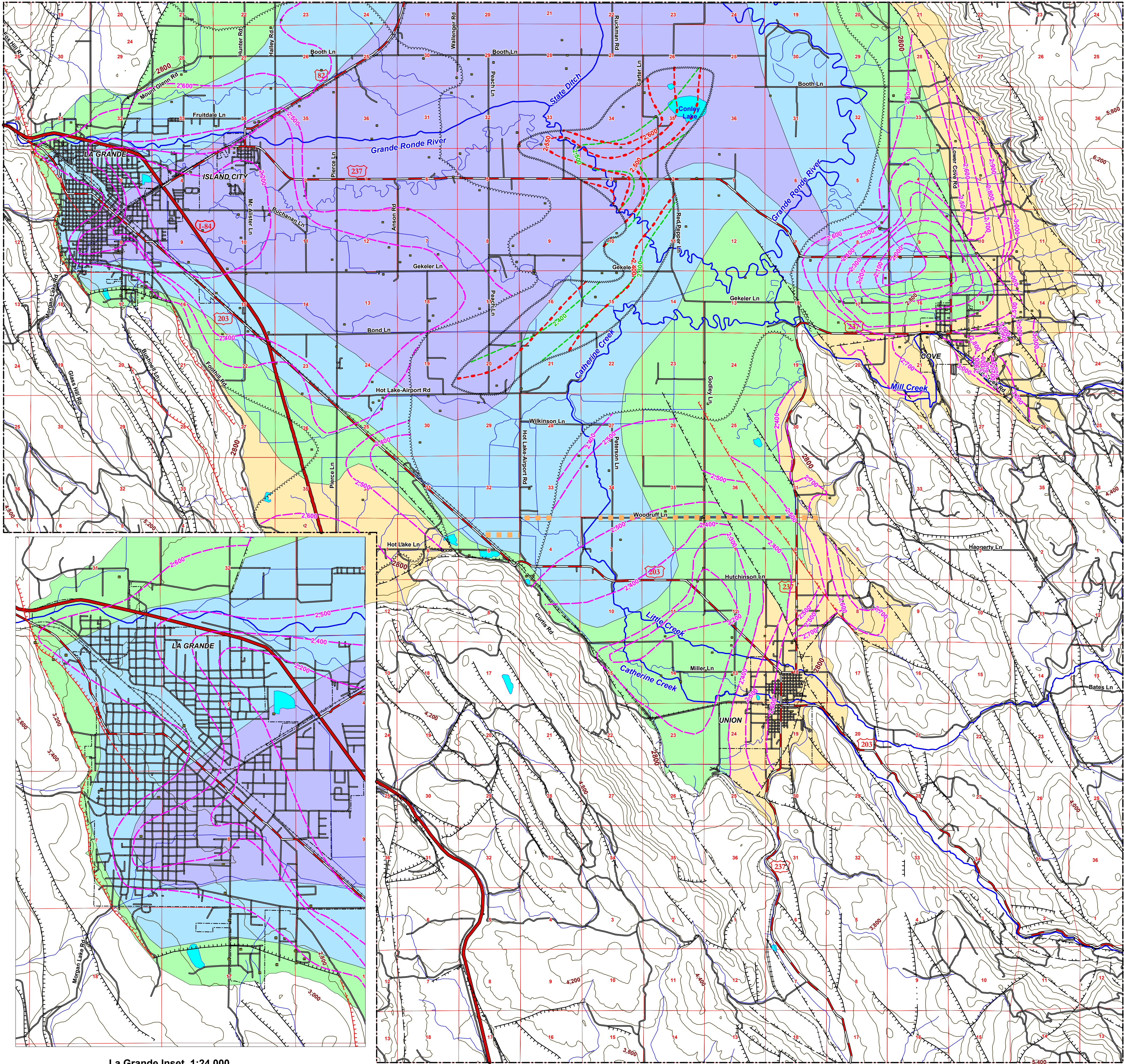


Surface and Subsurface Geology of the Southern Grande Ronde Valley and lower Catherine Creek Drainage, Union County, Oregon

Mark L. Ferns, Ian P. Madin, and Vicki S. McConnell
Oregon Department of Geology and Mineral Industries,
and Jenda J. Johnson;
U.S Geological Survey, Hawaiian Volcano Observatory
Oregon Department of Geology and Mineral Industries
John D. Beaulieu, State Geologist

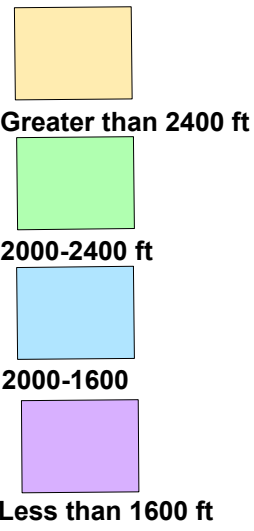
Plate 2 Subsurface Geologic Map, structure contour map, 1:50,000



La Grande Inset, 1:24,000

Subsurface Geology Contours

Approximate Elevation of top of Glass Hill Volcanics beneath the Valley floor



Subsurface extent of the Fan-delta deposits and the Conley Lake gravel body.

---2000---
Elevation of the base of the Cove, Catherine Creek and La Grande fan-deltas (feet)

---2000---
extent of Conley lake Gravel body

---2000---
elevation of the base of the Conley Lake gravel body (feet)

---2000---
elevation of the top of the Conley Lake gravel body (feet)

---2000---
approximate location of water well used to map the subsurface geology

---2000---
Seismic line location

---2000---
State Highways

---2000---
Interstate Highway

---2000---
other roads and streets

---2000---
streams and rivers

---2000---
railroads

---2000---
topographic contour, 200 foot interval

---2000---
Public Land Survey Section Line

---2000---
Public Land Survey Section number

---2000---
Incorporated cities

---2000---
fault, bars on downthrown side

---2000---
buried fault, bars on downthrown side

---2000---
fault, bars on downthrown side

---2000---
probable movement in last 12,000 years

---2000---
buried fault, bars on downthrown side

---2000---
probable movement in last 12,000 years

---2000---
buried fault, bars on downthrown side

---2000---
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