

Exhibit B-90: Jay Chennault – Gravel Mine Resume



Jay W. Chennault, L.G., L.Hg., P.E., CWRE

Principal Hydrogeologist/Engineer

EDUCATION

B.S., Geosciences: Pacific Lutheran University

M.S., Geology: Western Washington University

REGISTRATION/CERTIFICATION

Licensed Geologist (L.G.): Washington

Licensed Hydrogeologist (L.Hg.): Washington

Professional Engineer (P.E.): Washington

Certified Water Rights Examiner (CWRE): Washington

PROFESSIONAL SUMMARY

Jay is a hydrogeologist and surface water engineer with 20 years of experience in watershed hydrology, surface water-groundwater interactions, numerical groundwater modeling, production well installation and testing, seawater intrusion analyses, stream gaging, flow modeling, and field data collection. Jay has been consulting in the Puget Sound area since 2004 where he has applied his skills to regional watershed projects, water right and water availability evaluations and sand and gravel mining operations. Prior to his consulting career, Jay was with the Water Resources Division of the USGS working primarily on stream gaging sites in Snohomish, Skagit and Whatcom counties. A summary of his aggregate mine project experience, specific to Skagit and Snohomish Counties, is provided below.

RELEVANT EXPERIENCE

Hydrogeologic Site Assessment – Proposed Grip Road Gravel Mine | Skagit County, Washington

Evaluated the potential impacts of a proposed gravel mine on groundwater and surface water resources in the vicinity of the site. Provided our client with our findings and assisted them in the permitting process required by Skagit County.

Groundwater Monitoring – Belleville Mine | Skagit County, Washington

Manage field staff who collect water quality data and measure groundwater levels. Prepare and submit monitoring reports to Skagit County to satisfy requirements of the various permits.

Hydrogeologic Site Evaluation, Groundwater Monitoring – Lenz Mine | Snohomish County, Washington

Evaluated the geologic/hydrogeologic setting of the mine and potential groundwater quality and quantity impacts of a proposed gravel mine expansion in Snohomish County. Manage field staff who collect water quality data and measure groundwater levels. Prepare and submit monitoring reports to Snohomish County to satisfy requirements of the various permits.

Aggregate Resource and Hydrogeologic Evaluations – Proposed Arlington Mine | Snohomish County, Washington

Quantified potential aggregate resource volumes and evaluated aggregate resource quality through field explorations and sampling. Evaluated the geologic/hydrogeologic setting of the mine and potential groundwater quality and quantity impacts of a proposed new gravel mine. Manage field staff who measure groundwater levels quarterly.

Groundwater Monitoring – Riverscene Gravel Mine | Snohomish County, Washington

Manage field staff who collect water quality data and measure groundwater levels. Prepare and submit monitoring reports to Skagit County to satisfy requirements of the various permits.