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01/18/2019
Mike Powell Construction
PO Box 1771
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Sample Site:441 Hwy 101 North, Yachats OR
Samples Received from:Mike Powell at 9:45AM 1/17/19

Asbestos Analysis of Waste Building Material

All samples are dissected under a stereomicroscope and representative samples are mounted for Polarized Light Microscopy in two standard refractive index liquids (n=1.545,1.610, 1.664). Suspected asbestos is then confirmed by dispersion staining phase contrast microscopy.

<u>SI Sample ID</u>	<u>Customer ID</u>
SI011719-7	Floor Tile

This sample was friable. A scraping of the outer layer was mounted in 1.610 refractive index liquid. The core was crushed and mounted in 1.545 refractive index liquid. No fibers were noted in the dissection. The mastic showed some wood from the underlying material and was mounted in 1.545 refractive index liquid.

Microscopical examination of mounted materials showed that the outer layer showed a wax. The core material showed calcite with a trace of cellulose and a nonfibrous binder. The mastic showed calcite and non fibrous binder.

No Asbestos Detected

Thank you for using my services for this analysis. Payment by check # 3390 was received with the samples.

Sincerely,
David Plath
Analyst