

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

February 26, 2014

Via E-mail
Mr. James R. Easter
Chief Financial Officer
Layne Christensen Company
1800 Hughes Landing Blvd., Suite 700
The Woodlands, TX 77380

Re: Layne Christensen Company

Form 10-K for the Fiscal Year Ended January 31, 2013

Filed April 16, 2013 File No. 1-34195

Dear Mr. Easter:

We have completed our review of your filing. We remind you that our comments or changes to disclosure in response to our comments do not foreclose the Commission from taking any action with respect to the company or the filing and the company may not assert staff comments as a defense in any proceeding initiated by the Commission or any person under the federal securities laws of the United States. We urge all persons who are responsible for the accuracy and adequacy of the disclosure in the filing to be certain that the filing includes the information the Securities Exchange Act of 1934 and all applicable rules require.

Sincerely,

/s/ John Cash

John Cash Accounting Branch Chief