

Progressive Planet Solutions Inc

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Progressive Planet strikes deal with University of Alberta to develop fly ash alternative

Progressive Planet Solutions Inc (CVE:PLAN) has signed an agreement with the University of Alberta to modify the rheology of its zeolite from the Z-1 Zeolite Quarry so that it possesses similar rheology to commercially available fly ash.

The university will immediately commence work, with the project ending on April 30, 2020. The value of the contract is \$20,000, according to a statement released Monday.

The move comes as the government of Canada has mandated an accelerated, nationwide phase-out of coal-fired power by the end of December 2029.

READ: Progressive Planet Solutions receives its largest order ever for its mineral-rich glacial rock dust

Class F fly ash used in Canada comes primarily from the burning of coal at multiple power plants in Alberta and Saskatchewan. With this phase out, new supplementary cementing materials will need to fill this void, Progressive Planet said.

"I visited the Z1 Quarry in BC in the summer of 2019 and brought some samples back to our laboratory," said Dr Vivek Bindiganavile, who's handling the project. "Over the past year, my research team has conducted a preliminary examination on Z1 for its chemical composition and physical characteristics. Based on the chemical analysis, we believe that the Z1 has potential for use as a supplementary cementing material. We have now embarked on this collaborative research partnership to address the impact on fresh concrete rheology when up to 20% of Portland cement is replaced with the same weight of Z1 Zeolite."

Progressive Planet CEO Steve Harpur added: "We have spent the last year conducting ASTM testing on Z1 Zeolite and one challenge to bring this material to market relates to it possessing similar rheology to fly ash. Rheology is often referred to as "slump" in the concrete industry. Ready mix cement with fly ash added to it flows very easily and we are seeking to modify our zeolite so that fresh concrete which includes our zeolite flows in a similar fashion."

Progressive Planet is a Canadian-based mineral exploration company with its flagship Z1 Zeolite Quarry in British Columbia. The company also has a right to earn a 100% interest in the Z2 Zeolite Property near Falkland, British Columbia.

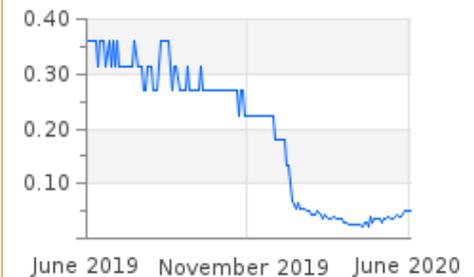
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Price: 0.05

Market Cap: \$1.68 m

1 Year Share Price Graph



Share Information

Code: PLAN

Listing: TSX-V

52 week	High	Low
	0.405	0.02

Sector: Gold & silver

Website: www.progressiveplanet.ca

Company Synopsis:

Progressive Planet Solutions Inc. is a Canadian based mineral exploration company with a flagship, producing zeolite mine in British Columbia. Progressive Planet has a vision to create value added zeolite products in the agricultural and building materials spaces.

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