



Fort Cady

THE RATINGS	
ECONOMICS	9.6
JURISDICTION	6.9
CONFIDENCE	8.0
FINANCEABILITY	9.0
GEOLOGY	8.0
ENGINEERING	10
SCORE OUT OF 100	87



THE NUMBERS	
OP/UG	OP
LIFE (YEARS)	21
COMPANY	American Pacific Borate and Lithium
EXISTING PRODUCER	No
MARKET CAPITALISATION (USD MILLIONS)	35.81
PRIMARY LISTING	ASX
CEO/MD	Michael Schlumpberger
JURISDICTION	California
COMMODITY	Borates
ANNUAL PRODUCTION (TONNES)	163,293
CASH AND EQUIVALENTS (USD)	850,664
COMMODITY PRICE ASSUMPTION (\$/TONNE)	700
BY-PRODUCT	Potash
CAPEX (USD MILLIONS)	36.8
OPEX (\$/TONNE)	85.89
POST-TAX NPV (USD MILLIONS)	1,083
POST-TAX IRR %	40.5
DISCOUNT RATE %	10
MATURITY (PFS/BFS; OR EQUIVALENT)	DFS
STUDY AGE	2019
PROVEN TECHNOLOGY	Yes
RESOURCE (CONTAINED; M&I) (MT)	6.87
RESOURCE GRADE (%)	11.72
OWNERSHIP (%)	100

American Pacific Borate delivered an enhanced definitive feasibility study for the Fort Cady borate project located in California, US, in January 2019. The project hosts a rare colemanite deposit with lithium potential which will be solution mined in two phases.

Fort Cady is the largest known contained borate occurrence in the world not owned by the two major borate producers Rio Tinto and Eti Maden. In excess of US\$60m has been spent at the project on resource drilling, metallurgical test works, well injection tests, permitting activities and substantial pilot-scale test works.

A strong economics rating for Fort Cady comes largely from an overall project of scale delivering a high-value NPV, but with the benefit of a phased approach keeping initial capex down. The project also scored highly on overall confidence, geology and this, coupled with use of proven processing methods applied on site since the 1980s, meant the asset rates well.