



Placer operations at the property of Coco Grove, Inc. at Paracale are expected to start by the first of the year, with at least one, and possibly both, of



the two new 200,000-cubic-yard dredgers in operation. With 8-cubic-foot buckets capable of digging 65 feet below water level, these dredgers are completely equipped with gold-saving equipment.

The dredges are a product of Bucyrus-Erie Company, and were obtained through the Manila Machinery & Supply Co., Philippine agents. They embody the latest contrivances designed to give maximum running time, high percentage recoveries, and minimum repair bills. The dredges are entirely electric, and obtain their power from the Allen Diesel plant of the United Paracale Mining Company. Pneumatic control are used throughout to overcome the many difficulties often encountered in operating in tropical countries. Pan-American jigs are to be used on these dredges as an aid to gold recovery.

The pictures on the opposite page show the two dredges, Mary Angus and Anne Petronella, nearly ready for operation. The final pieces of equipment were on board the lighters sunk in Manila Harbor during the typhoon which struck unexpectedly on November 15.

The strip at the side of this page shows dredge equipment being recovered from Manila Bay, adjacent to piers 4 and 5, after the typhoon. Three divers, and several barges were employed by the Atlantic, Gulf & Pacific Company in this work. With the exception of a few minor pieces, all of the equipment was recovered, reconditioned, and delivered to Paracale, where it is now being installed.

The equipment was being transhipped from freighters in the Bay to the shore when the storm struck. Communications from the storm area were interrupted to such an extent that the Weather Bureau in Manila was not able to give warning of the storm until it actually arrived.

