

EGS AGM Guest Speaker Announcement: Dr. John Armstrong

Friday, April 29, Location TBA

We are pleased to announce that Dr. John Armstrong will be our Guest Speaker for our 2016 Annual General Meeting

Dr. Armstrong is the Vice President of Mineral Resources at [Lucara Diamond Corp.](#) Dr. Armstrong has over 25 years of combined experience in mineral exploration, mining and government. Dr. Armstrong has been involved in the planning and execution of successful diamond exploration and sampling programs ranging from generative to delineation and valuation. Dr. Armstrong has strong capabilities in the assessment and analysis of diamond size distributions, content modeling, and value distributions.

Karowe Diamond Mine: A World-class source of large and exceptional diamonds, including the 1109 Lecedi La Rona.

The Karowe Mine, owned and operated by Lucara Diamond Corporation, located in the Republic of Botswana, achieved commercial diamond production in July 2012. The AK06 kimberlite discovered in 1969 is the ore source at Karowe. The AK06 kimberlite within the Orapa Kimberlite field is a roughly north-south elongate kimberlite body with a near surface expression of ~3.3 ha and a maximum area of approximately 7 ha at ~120 m below surface. The body comprises three geologically distinct, coalescing pipes that taper with depth. These pipes are referred to as the North Lobe, Centre Lobe, and South Lobe.

The AK6 kimberlite is an opaque-mineral-rich monticellite kimberlite, texturally classified primarily as fragmental volcanoclastic kimberlite with lesser macrocrystic hypabyssal facies kimberlite of the Group 1 variety. The nature of the kimberlite differs between each lobe with distinctions apparent in the textural characteristics. South Lobe is considered to be distinctly different from the North and Centre Lobes that are similar to each other in terms of their geological characteristics. The North and Centre Lobes exhibit internal textural complexity whereas the bulk of the South Lobe is more massive and internally homogeneous. The South lobe forms the majority of the resource and displays the coarsest diamond size distribution of the three lobes.

In three years of production Karowe has established a continuing production of high value diamonds including coloured diamonds. In March 2013 a 239 carat gem quality diamond was recovered which was the first in a continuing population of large high value Type IIa diamonds recovered from the Centre Lobe and more importantly the South Lobe of the Karowe Mine. Large diamonds >50 carats in size are spatially distributed horizontally and vertically within the South Lobe. Since commissioning to mid-December 2015 approximately 1.5 million carats have been produced and specials (diamonds greater than 10.8ct in weight) represent circa 4.6% by weight of all diamond production. Life of Mine average stone size for

the specials is 29.6 ct/stone.

In 2015, a plant optimization project was completed to modify the process plant to treat harder kimberlite at depth and improve the recovery of exceptional diamonds via bulk sorters for primary ROM large diamond recovery. In November 2015 the Karowe Mine recovered an 813 carat stone and the World's second largest gem quality diamond in over 100 years weighing 1,111 carats.

