ADT Drives through Bund

WHAT HAPPENED

A Volvo A30G ADT was returning from the overburden tip travelling up a ramp that joins the main haul road when the driver noticed his lunchbox was loose in the cab and near the pedals,

The driver bent to retrieve the lunchbox taking his attention off the road. The ADT proceeded to cross the main haul road and drive into the bund on the opposite side of the road. The bund failed to stop the ADT and resulted in the ADT travelling through the bund and coming to rest on the slope of the other side of the bund. The driver sustained no injury and there was no damage to the ADT.

- The driver's lunchbox was not secured in the cab of the ADT

- The driver took his attention away from driving to retrieve the loose lunchbox

- The bund was 1.5m high but was not sufficient to stop the ADT due to the angle of approach

- The risk of the dumper striking the bund at a flat

angle was not adequately assessed.

- The positioning of the bund on the crest of the graded slope allowed the vehicle to push the material easily over the edge of the road

LEARNING POINTS / ACTIONS TAKEN

- Review procedure for storage of personal items in vehicle cabs

- Ensure welfare provision for all personnel on site including contractors and that all breaks are taken outside the vehicle cab

- Ensure that junctions in site haul roads are assessed as part of the site Vehicle/Pedestrian Management Plan to enable extra signage, speed restraints, edge protection etc are used if necessary.

- Review edge protection on haul roads to ensure that HSE guidance on bund construction is met as a minimum. Geo-technical guidance should be sought on construction and placement of bunds and other means of edge protection considered where aggregate bunds are insufficient or space is restricted e.g. Armco

- Ensure site supervision is well briefed on edge protection

- Brief site staff on the dangers of lack of attention whilst operating machinery

LOCATION:	**QUARRY**	**ALERT STATUS:**	**Normal**
ACTIVITY:	**TRAFFIC MANAGEMENT**	**DATE ISSUED:**	**20/10/2017 12:23:45**
SUB ACTIVITY:	**QUARRY AND EARTH MOVING**	**INCIDENT No:**	**01475**