

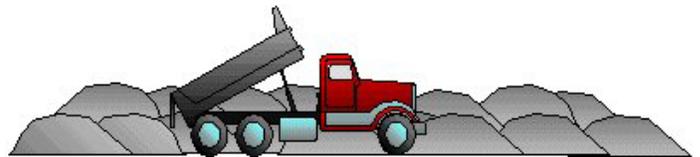


STOCKPILING TECHNIQUES FOR CLEAN STONE

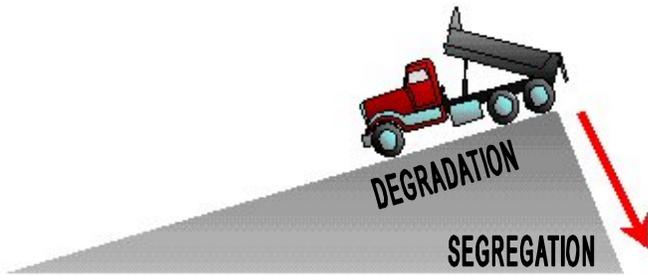
DON'T CONE UP



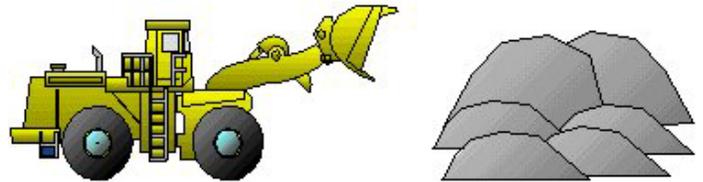
DO DUMP TIGHTLY IN SINGLE PILES



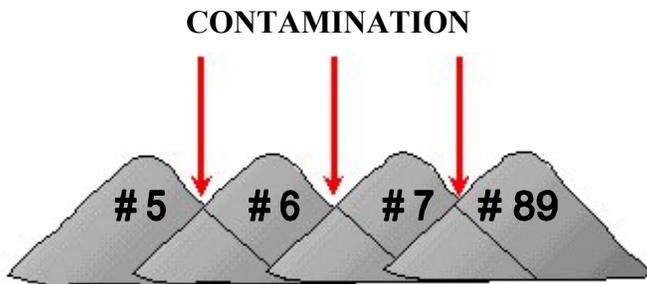
DON'T DUMP OVER THE END



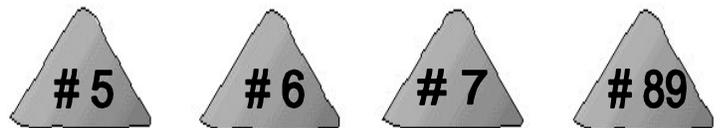
DO STACK AS HIGH AS LOADER WILL REACH



DON'T OVERLAP SIZES



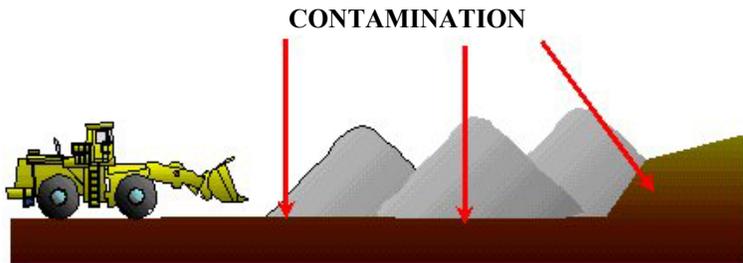
DO SEPARATE DIFFERENT SIZES



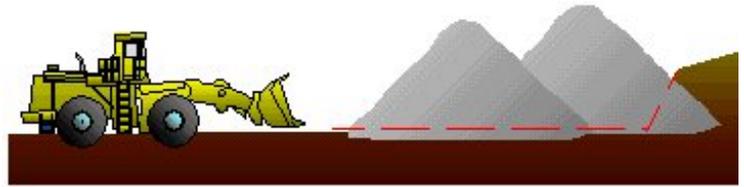


STOCKPILING TECHNIQUES FOR CLEAN STONE

DON'T DIG UP THE MAT



DO KEEP THE BUCKET UP



DON'T STOCKPILE NEAR CONTAMINANTS



DO REMOVE CONTAMINANTS



DON'T STOCKPILE OVER LARGER SIZES

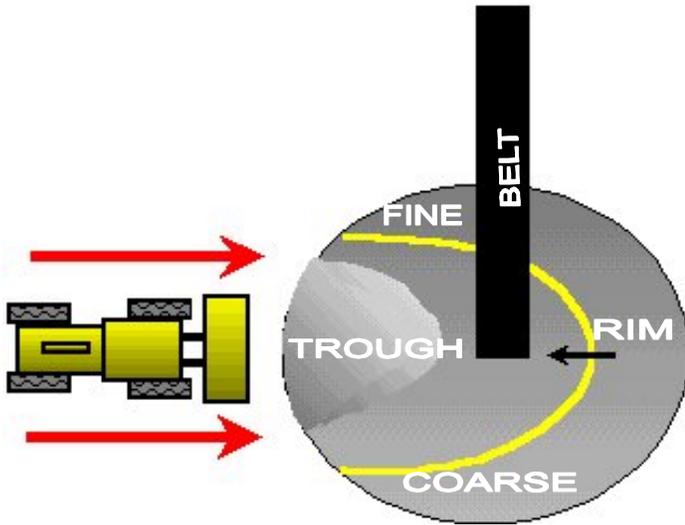


DO STOCKPILE OVER SAME SIZE OR SMALLER





TO SHIP FROM PRODUCTION CONE

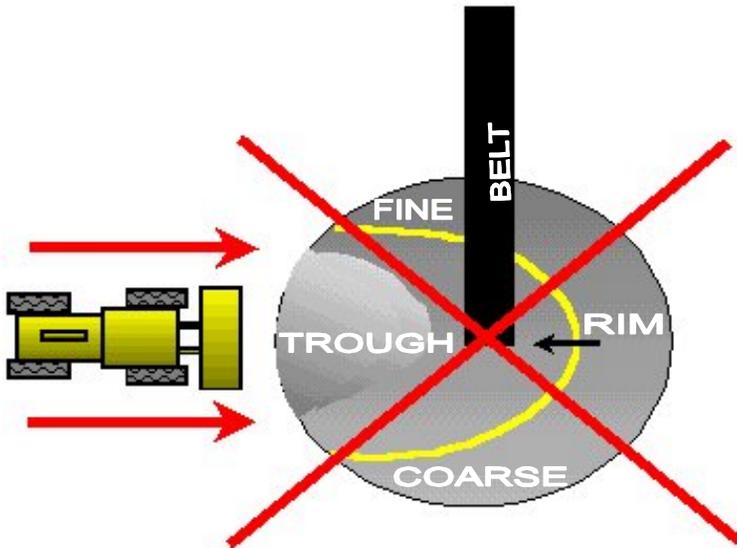


TO SHIP FROM THE PRODUCTION CONE
THE LOADOUT MUST BE EQUAL TO PRODUCTION

REALISTICALLY THIS DOESN'T HAPPEN

THEREFORE

**NO SHIPPING
FROM UNDER CONVEYORS**

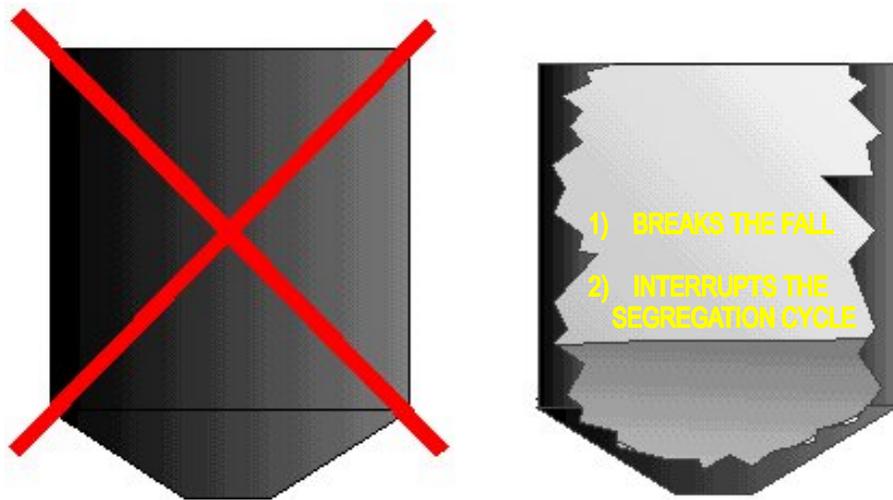


THIS INCLUDES **NOT** SHIPPING FOR
PRIVATE JOBS IF SOME MATERIAL IS
BEING RESTOCKED FOR **D.O.T.** USE.



BIN SEGREGATION AND DEGRADATION SOLUTION

DON'T EMPTY THE BIN WHILE IN THE PROCESS OF SHIPPING. LEAVING MATERIAL IN THE BIN BREAKS THE FALL. ROCK ON ROCK DOESN'T BREAK AS BAD AS ROCK ON METAL. IT ALSO INTERRUPTS AND DISTORTS THE SEGREGATION CYCLE.

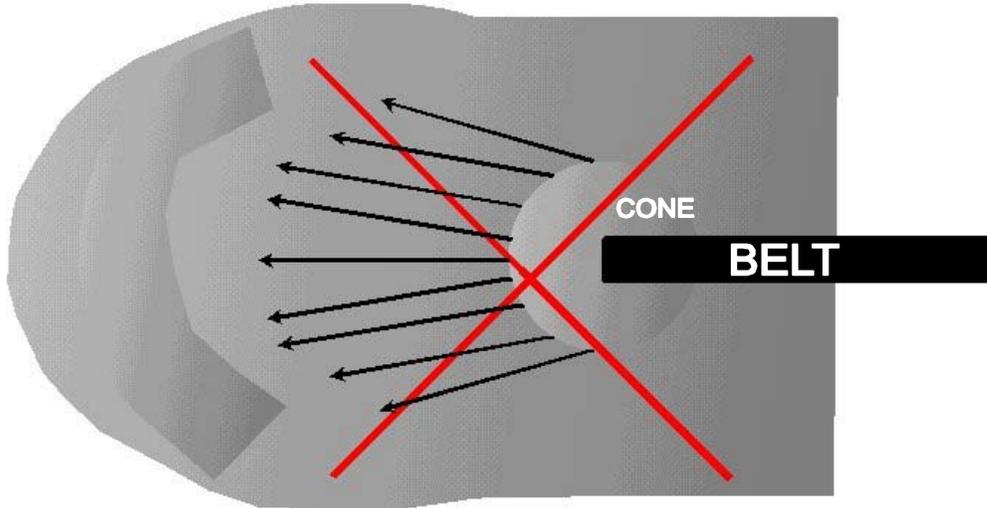


DO LEAVE THE BIN $1/4$ OR MORE FULL, PREFERABLY $1/3$

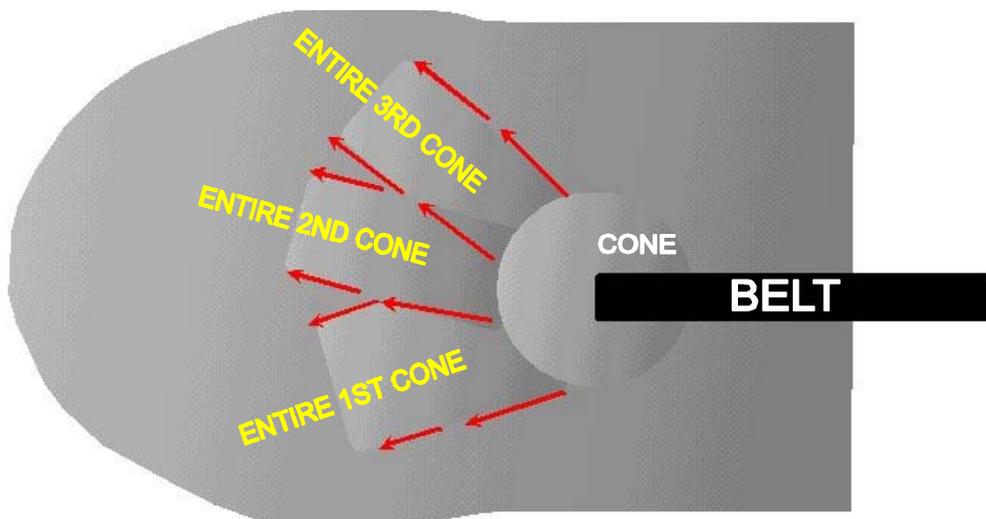
**DON'T
EMPTY
IT!**



G.A.B. STOCKPILE PUSHING METHODS



DON'T FAN OUT WHILE PUSHING A G.A.B. CONE



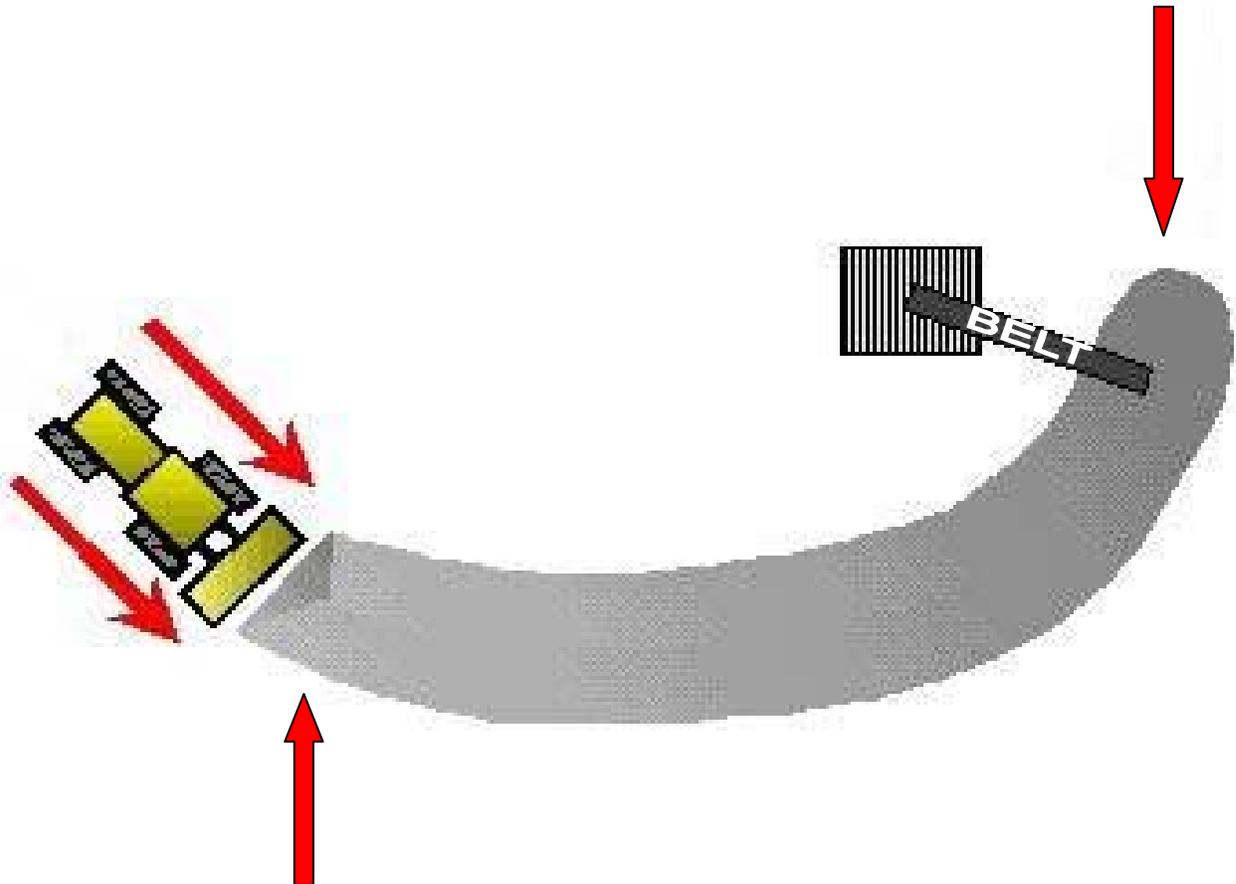
DO PUSH THE ENTIRE G.A.B. CONE IN ONE DIRECTION ONLY



RADIAL STACKER LOADOUT AND RESTOCKING

IT IS GENERALLY ACCEPTABLE TO LOAD OUT MATERIALS (OTHER THAN G.A.B.) FROM THE ENDS OF RADIAL STACKER STOCKPILES. THIS IS PROVIDED THE HEIGHT OF THE STOCKPILE IS CONTROLLED. A **MAXIMUM** HEIGHT OF **15 FEET** IS USUALLY ACCEPTABLE.

DON'T LOAD OUT OR RESTOCK FROM HERE.
NEVER LOAD FROM CURRENT PRODUCTION.



DO LOAD OUT OR RESTOCK FROM HERE, THE INACTIVE END

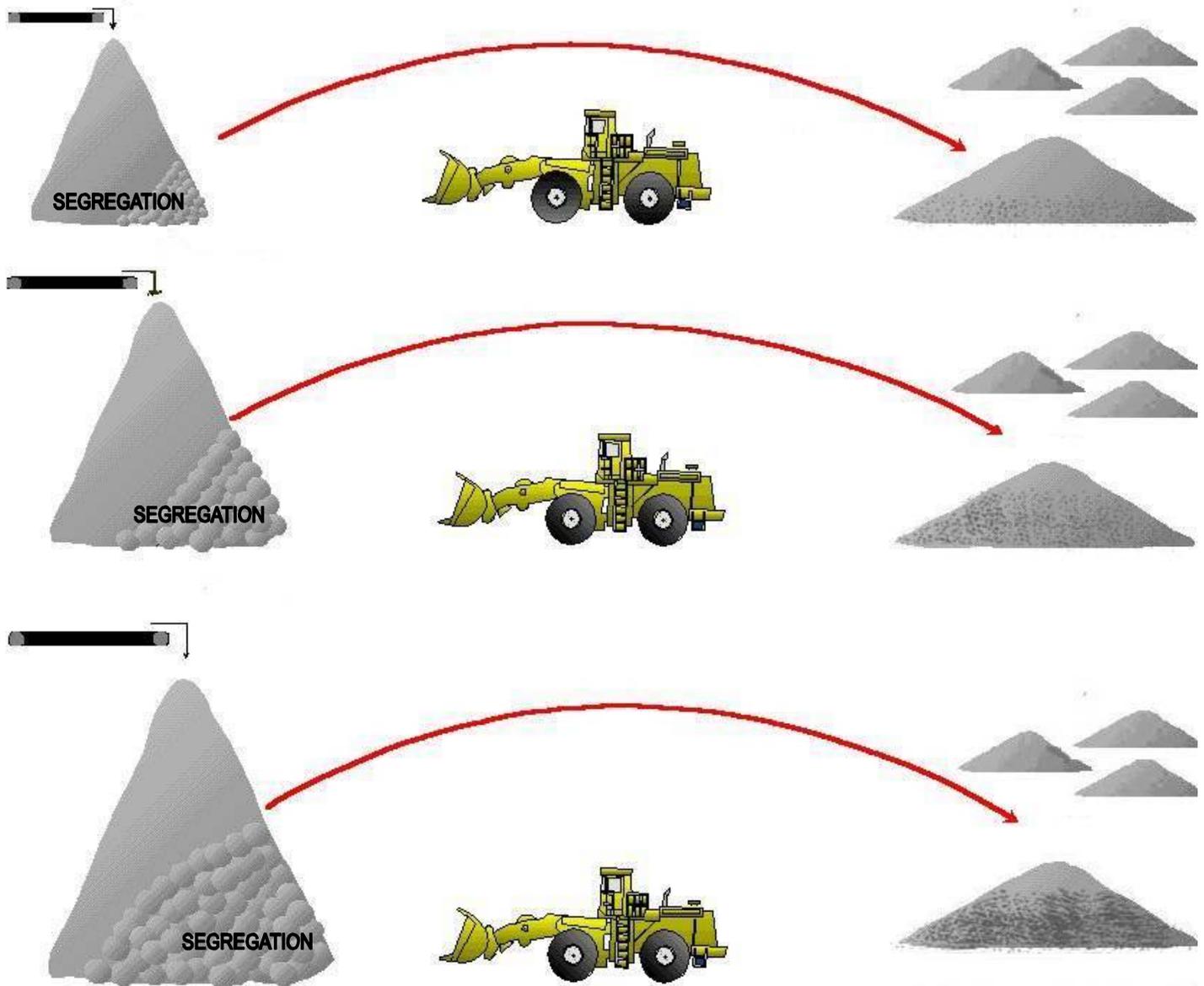


RESTOCKING TIP

MOVE THE CONE FREQUENTLY AND CONTINUOUSLY

THE SMALLER THIS IS

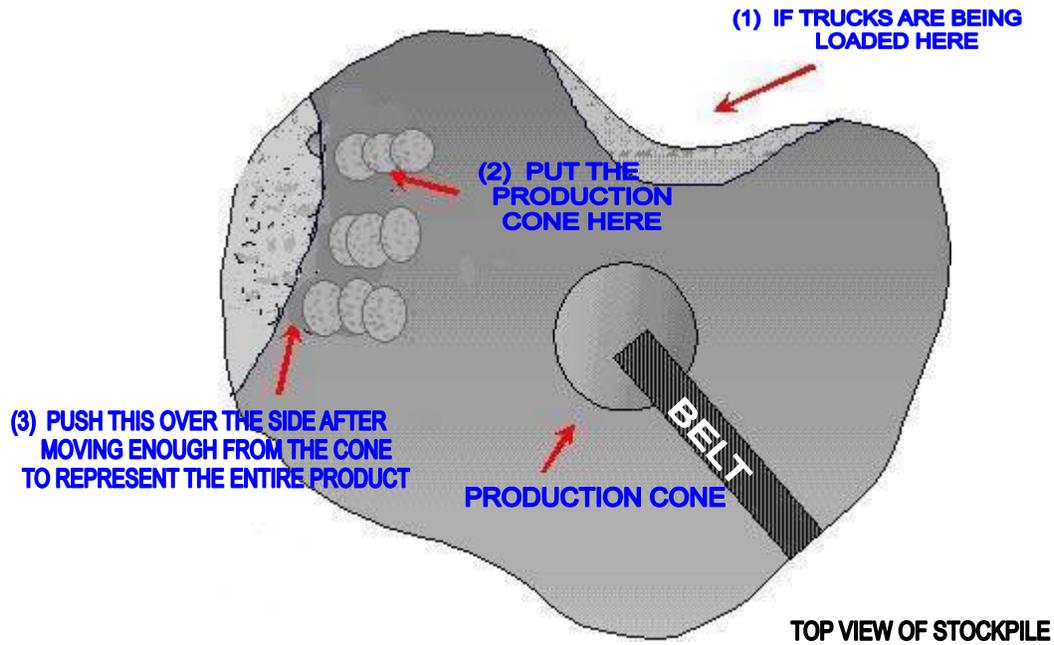
THE BETTER THIS IS



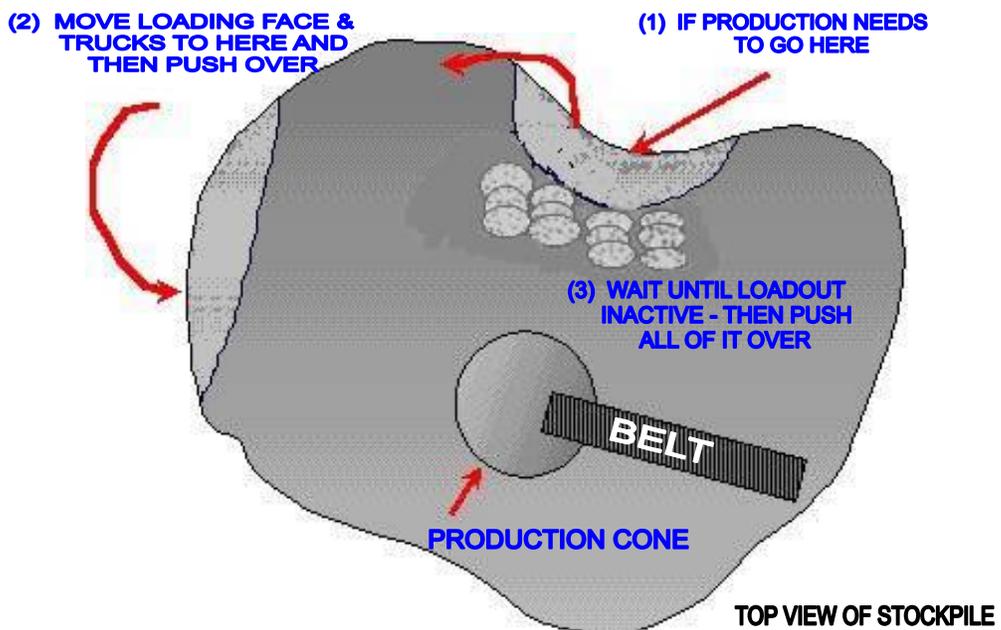
THE CONE CAN BECOME SO SEGREGATED THAT IT SIMPLY CANNOT BE RECLAIMED WITHIN SPECIFICATIONS. THIS IS PARTICULARLY TRUE WITH CLEAN STONE BECAUSE YOU CAN'T RAMP ON THE MATERIAL TO MIX LAYERS. IF YOU STOCKPILE FIVE LOADS THAT FAIL (TOO COARSE), YOU WILL SHIP FIVE LOADS THAT FAIL (TOO COARSE).



SIMULTANEOUS CONSTRUCTION AND LOADOUT OF STOCKPILES



OR



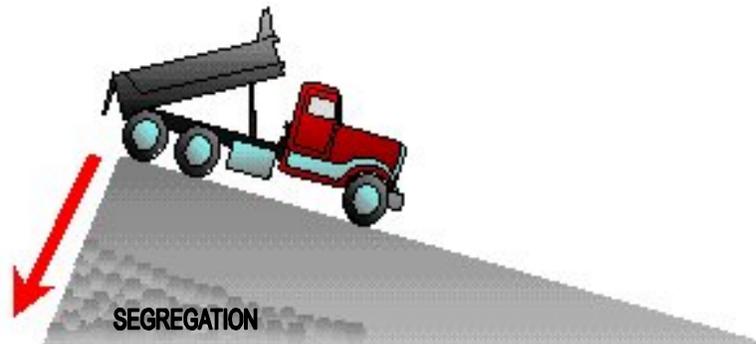


IMPROPER STOCKPILE CONSTRUCTION

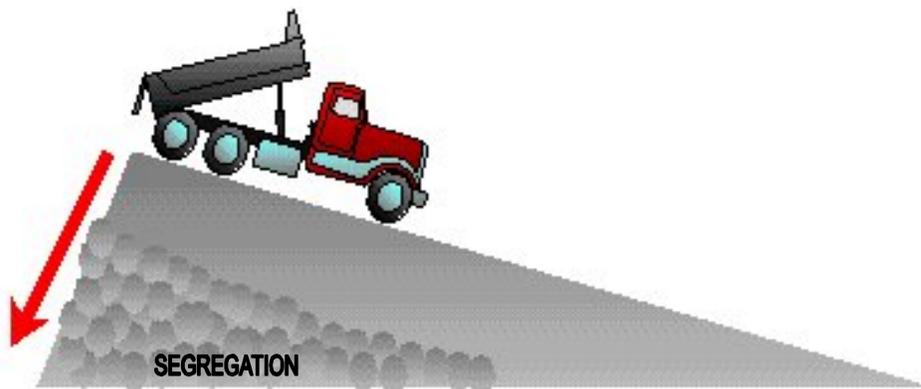
IF AN ENTIRE STOCKPILE IS ALLOWED TO BE BUILT BY RAMPING ONTO IT AND DUMPING EACH LOAD OVER THE END...



IT WILL **SEGREGATE** TO ITS FULLEST EXTENT...



THE LARGER THE STOCKPILE BECOMES, THE **WORSE** THE PROBLEM IS.



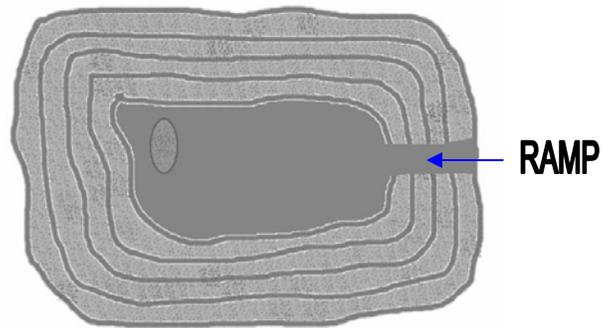


G.A.B. ASPHALTIC MATERIALS

AFTER PLACING EACH LIFT, FLATTEN THE TOP SO THAT THE NEXT LIFT CAN BE CARRIED ONTO THE STOCKPILE. THE RAMP SHOULD BE **NO LONGER THAN NECESSARY** TO GET ONTO THE STOCKPILE. DURING THE PLACEMENT OF EACH LIFT, CARE SHOULD BE TAKEN **NOT** TO DUMP OR PUSH MATERIAL OVER THE EDGE OF THE UNDERLYING LIFT. **ALWAYS** STOP JUST SHORT OF THE EDGE.



SIDE VIEW OF STOCKPILE



TOP VIEW OF STOCKPILE

DO LEAVE TERRACES; **DON'T** LET ROCK ROLL OVER EDGES OF UNDERLYING LAYERS.

EACH LAYER SHOULD BE THE SAME THICKNESS ALL ACROSS THE STOCKPILE. THE COMPLETED STOCKPILE SHOULD BE RELATIVELY FLAT, **NOT** WEDGE-SHAPED IN APPEARANCE.





IMPROPER LOADOUT METHODS

DON'T PULL THE BIN EMPTY



DON'T LOAD FROM UNDER THE BELT



DON'T DUMP OVER THE SIDE OR THE END OF A STOCKPILE



DON'T DUMP PRODUCTION IN FRONT OF THE LOADING FACE



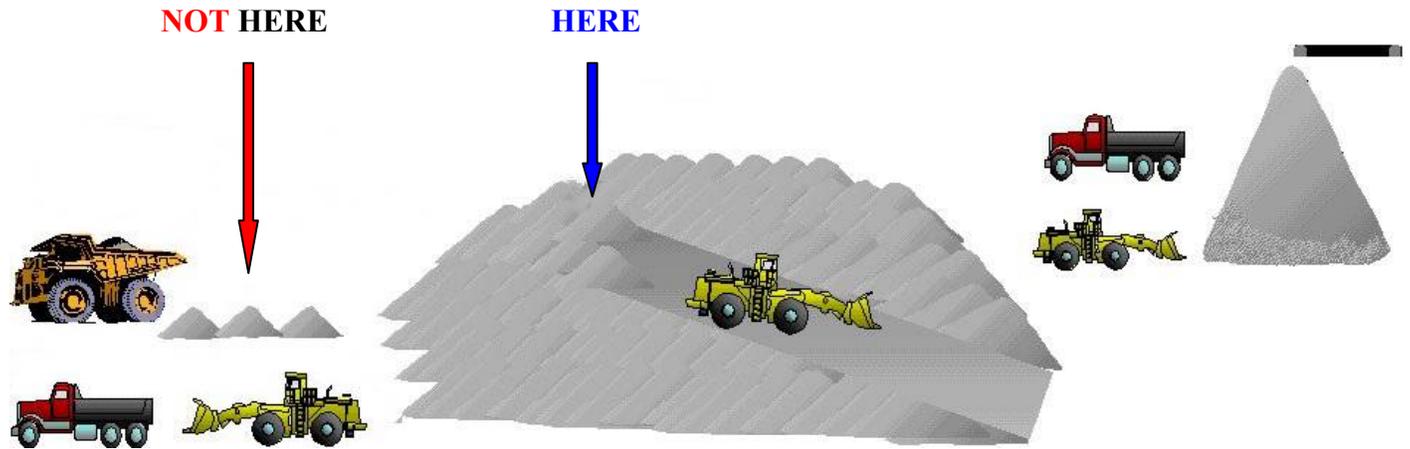
DON'T PUSH OVER THE LOADING FACE DURING ACTIVE USE





WHERE TO PUT PRODUCTION

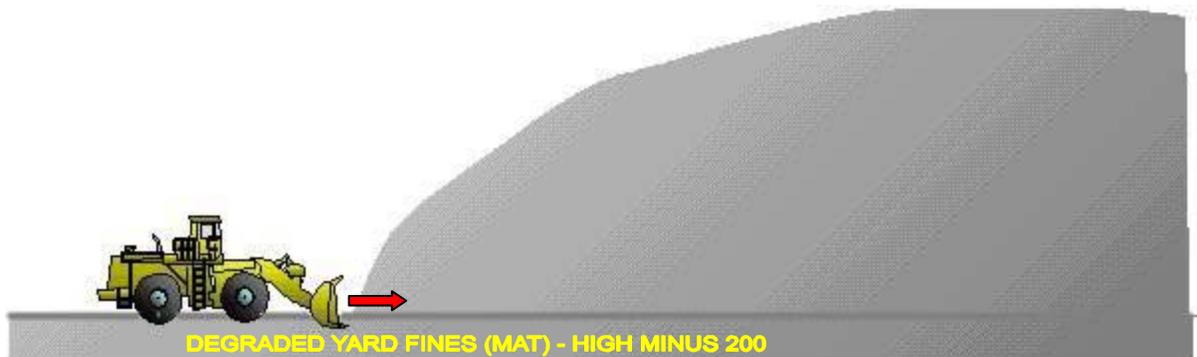
DUMPING PRODUCTION IN FRONT OF THE LOADING FACE IS **NO DIFFERENT** THAN LOADING FROM UNDER THE BELT.



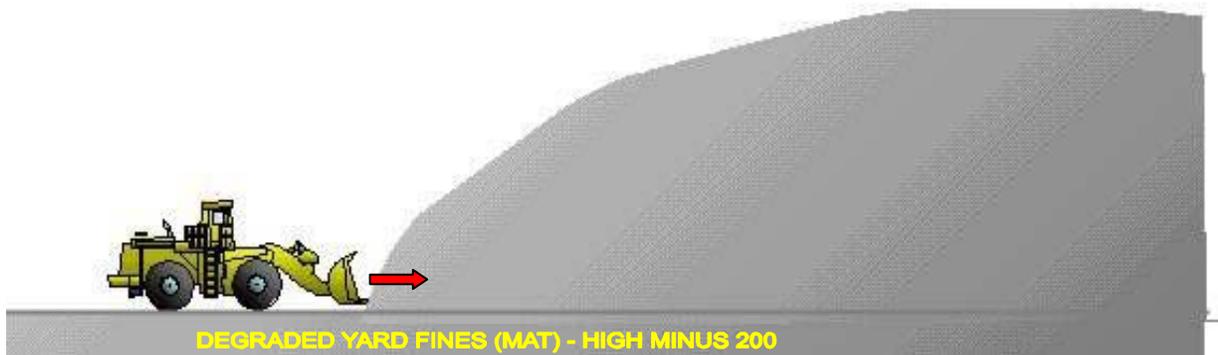


LOAD OUT FROM STOCKPILES

DON'T CONTAMINATE YOUR MATERIAL
BY DIGGING INTO THE MAT WHILE LOADING.



DO KEEP THE BUCKET UP AND MAKE SURE
THE BUCKET IS CLEANED OUT WHEN SWAPPING
FROM ONE SIZE TO ANOTHER.



DO CHECK THE TRUCK BEDS -
IT ISN'T YOUR FAULT IF THE BED IS HALF FULL OF DIRT,
BUT WHO WILL SUFFER THE CONSEQUENCES AFTER IT
IS DELIVERED? IS YOUR CUSTOMER GOING TO PAY FOR IT?
IS THE TRUCK DRIVER?



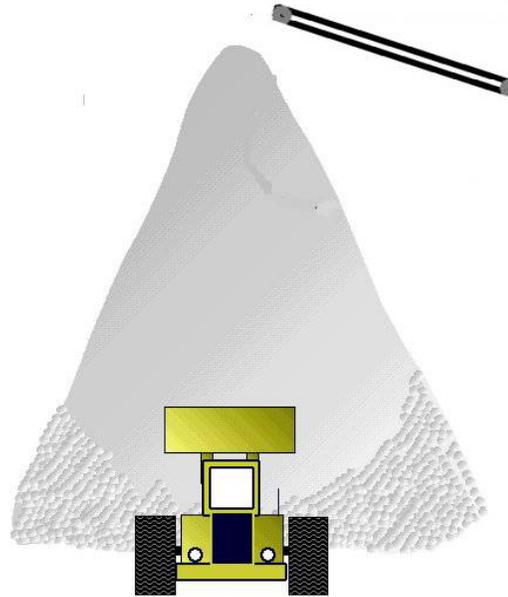
RADIAL STACKER STOCKPILE LOADOUT TIPS

DON'T LOAD FROM CURRENT PRODUCTION

DO LOAD FROM THE INACTIVE END ONLY

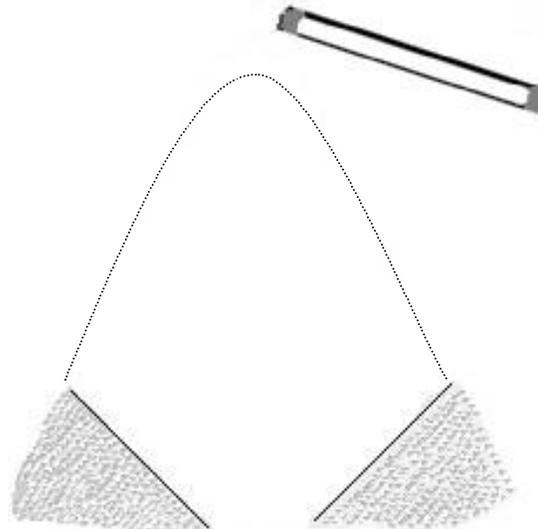
DON'T LOAD FROM A STOCKPILE THAT IS TOO HIGH - MAXIMUM HEIGHT = 15 FEET

DO KEEP THE STOCKPILE SMALL ENOUGH THAT A REPRESENTATIVE PROPORTION OF ALL OF IT CAN BE PUT ON EACH LOAD



DON'T LEAVE THE TOES TO BE LOADED OUT BY THEMSELVES

DO KEEP THEM CLEANED UP AS YOU GO





STOCKPILING CLEAN STONE WITH A LOADER

DON'T STOCKPILE ON A MAT OF LARGER SIZE STONE OR DIRTY MATERIAL

DO STOCKPILE ON A CLEAN MAT, PREFERABLY OF THE SAME SIZE MATERIAL



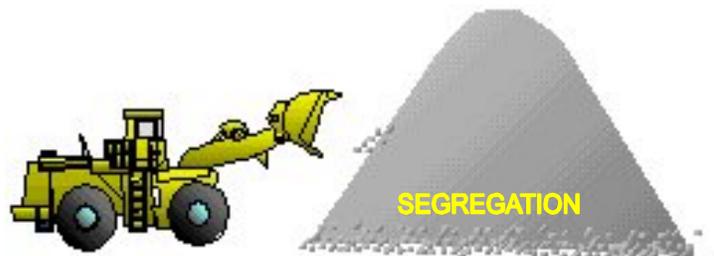
DON'T LET MATERIAL ROLL FROM THE TOP TO THE BOTTOM OF THE STOCKPILE

DO LEAVE A SLIGHT TERRACE AT THE END TO STOP MATERIAL FROM ROLLING

DO PLACE FIRST PILE ON BOTTOM AND SECOND ON TOP, AND STACK AS HIGH AS THE LOADER CAN REACH WITHOUT TRAVELING OVER THE STOCKPILE



DON'T CONE THE STOCKPILE UP





CONSTRUCTING LARGE STOCKPILES OF CLEAN AGGREGATES

DO CONSTRUCT THE STOCKPILE USING MULTIPLE LIFTS OF RELATIVELY UNIFORM THICKNESS, STOPPING JUST SHORT OF THE EDGE OF THE PREVIOUS LIFT.



DO THIS



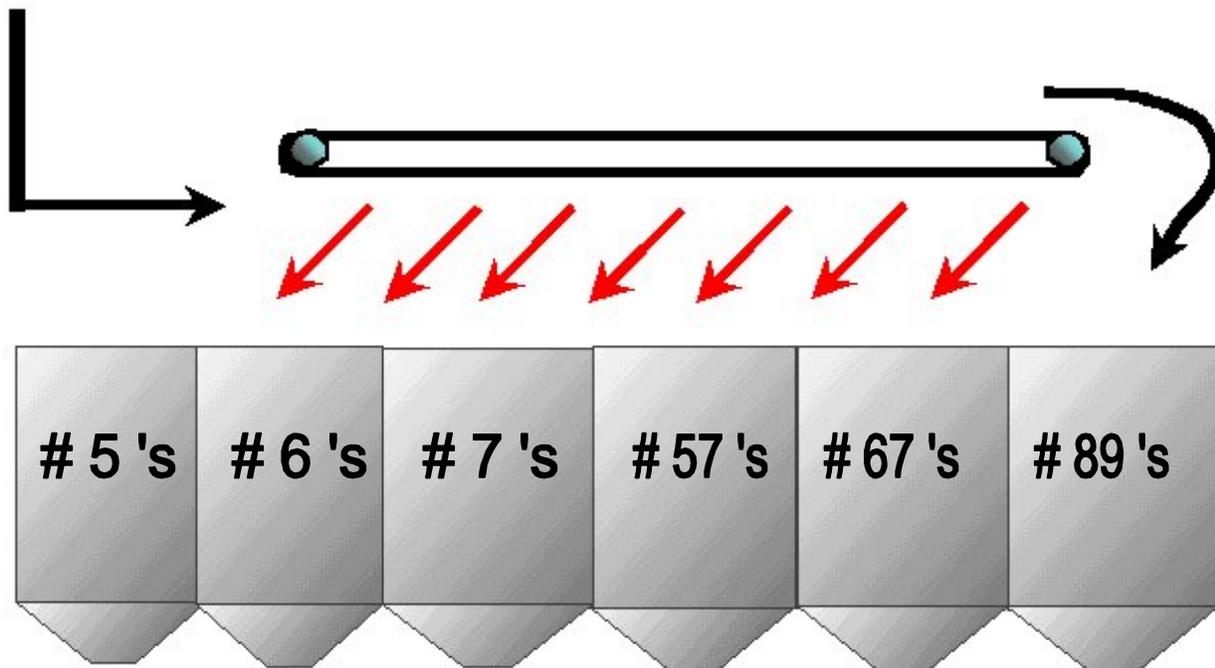
STOCKPILE BUILT BY CLAMSHELL



BIN CONTAMINATION

THE MOST COMMON CONTAMINATIONS THAT OCCUR IN BINS ARE:

- A) OVERSIZE THAT HANGS IN THE BINS
- B) OVERSIZE THAT HANGS IN THE CHUTES
- C) OVERSIZE THAT BOUNCES FROM SCREENS OR CONVEYORS
- D) FINES AND DIRTY WATER THAT STICK TO CONVEYORS AND DRIBBLES OFF ONTO OTHER AGGREGATES



- CONTAMINATION FROM FINES IS TYPICALLY INSIGNIFICANT WHEN MATERIALS ARE STEADILY BEING LOADED OUT.
- CONTAMINATION BECOMES A PROBLEM WHEN A PARTICULAR BIN IS SUBJECTED TO IT FOR TOO LONG – INSPECT DAILY FOR FINES AND OVERSIZE.
- BE SURE TO INFORM THE SUPERVISOR OF WHAT YOU ARE OBSERVING – THERE MAY BE SOMETHING HE/SHE CAN DO TO MINIMIZE THIS TYPE OF CONTAMINATION.
- THERE IS NOTHING UNIQUE ABOUT THIS; IT HAPPENS ALL THE TIME. THE MAIN POINT HERE IS TO LOOK AT IT.
- BIN OPERATORS SHOULD ALSO CHECK TRUCK BEDS FOR CONTAMINATION PRIOR TO LOADING.