



ପୃଷ୍ଠା-୧୨+୮

ଧରିତ୍ରୀ  
DHARITRI

ଭୁବନେଶ୍ୱର, ଗୁରୁପାର, ମେ ୯/୨୦୨୪ (୧୨+୮=୨୦ ପୃଷ୍ଠା) Bhubaneswar  
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# ଓଡ଼ିଶାରେ ପରିବର୍ତ୍ତନ ପବନ ବନ୍ଧୁଙ୍କି: ରାଜନାଥ

## ରାୟଗଡ଼ା, ଗୀଣ୍ଠା (ଆଶିଷ ରଞ୍ଜନ ପଣ୍ଡା)

ଏଥର ଓଡ଼ିଶାରେ ସରକାର ଗଠନ କରିବ  
ଭାଜପା । ରାଜ୍ୟର ବିକାଶ ପାଇଁ ଚିତ୍ତ ନିର୍ବଚନରେ  
ଓଡ଼ିଶାବାସୀ ଭାଜପାକୁ ବସ୍ତୁ ଭୋଗୁରେ  
ବିଜୟୀ କରାଇବେ । ରାଯଙ୍ଗଡ଼ା ବାଜପାୟ  
ରାସ୍ତାପିଣ୍ଡ ବାରିଖୋଲା ପଡ଼ିଆରେ ଝୁଖବାର  
ଭାଜପାର ଜନସମାବେଶରେ ଯୋଗଦେଇ  
ଏଭି କହିଛି ପ୍ରତିରକ୍ଷା ମନ୍ତ୍ରୀ ରାଜନାଥ ବିହ୍ଵ ।  
କେନ୍ଦ୍ରରେ ଭାଜପା ସରକାର ଆସିବା ପରେ  
ଅଯୋଧ୍ୟରେ ରାମ ମନ୍ଦିର ନିର୍ମାଣ ହେଲା ।  
ଆଗାମୀ ଦିନରେ ଭାରତରେ ରାମରାଜ୍ୟ  
ପ୍ରତିଷ୍ଠା ହେବ ବୋଲି କହିଛନ୍ତି ରାଜନାଥ ବିହ୍ଵ ।

ରାଜନାଥ ଜନସଭାକୁ ସମ୍ପୋଦନ କରି  
ରାଜ୍ୟର ବିଜେତା ଓ କଂଗ୍ରେସ ସରକାରକୁ କଟାନ୍ତ  
କରିଛନ୍ତି । କଂଗ୍ରେସ ସମୟରେ ଭ୍ରମ୍ଭାବର  
ବଢ଼ିଥିଲା । ପ୍ରଧାନମନ୍ତ୍ରୀ ନରେନ୍ଦ୍ର ମୋଦିଙ୍କ  
ନେତୃତ୍ବରେ ଗଠିତ କେନ୍ଦ୍ର ସରକାର ଦ୍ୱାରା  
ଦେଶରେ ଭ୍ରମ୍ଭାବର କମିଷ୍ଣ୍ଟ ବିଜେତା ଏଠାରେ ୨୫  
ବର୍ଷ ହେବ ଶାସନ କରୁଛି । ତଥାପି ଓଡ଼ିଶାକୁ ଏବେ  
ବି ରଚିବ ରାଜ୍ୟ ଭାବେ ବିବେଚନା କରାଯାଉଥିବା  
ରାଜନାଥ କହିଛନ୍ତି । ଆମ୍ବଲ୍ଲାନ୍ ଭାରତ ଭାଲି  
ଜନହିତକର ଯୋଜନା ଓଡ଼ିଶାରେ ଲାଗୁହେଉନାହିଁ ।  
ଗରିବ ଲୋକେ ଆମ୍ବଲ୍ଲାନ୍ ଭାରତ ଯୋଜନା ଦ୍ୱାରା  
ଉପକୃତ ହେବା ନେଇ ବିଜେତା ଚାହୁଁନ୍ ବୋଲି  
ସେ ଅଭିଯୋଗ କରିଛନ୍ତି । ସେହିଭିତ୍ତି ଜ୍ଞାତାଯ  
ପ୍ରସଂଗରେ କଂଗ୍ରେସକୁ ଘେରିଛନ୍ତି । ସମୟାନ  
ପରିବର୍ତ୍ତନ ହେବ ବୋଲି କଂଗ୍ରେସ ମିଥ୍ୟା ପ୍ରଚାର  
କରୁଛି । କଂଗ୍ରେସ ଶାସନ କାଳରେ ହଁ ଅନେକଥର

A group of Indian men in white shirts and orange scarves standing in front of a red wall with circular logos.

ପ୍ରତିରକ୍ଷା ମନ୍ତ୍ରୀ ରାଜନାଥ ସିଂହଙ୍କୁ ପୁଷ୍ପମାଲୟ ଦେଇ ସମ୍ରକ୍ଷିତ କରୁଥିଛି ଦଳୀଲୀ ଓ କର୍ମୀ। ସମ୍ପିଧାନ ବଦଳି ବୋଲି ସେ କହିଥିଲେ । ଓଡ଼ିଶାର ପରିବର୍ଭନ ପାବନ ବହୁତି । ସେ କହିଥିଲେ, ଭାଷଣରେ ତ୍ରୁପ୍ତାଗର କମିଶ ନାହିଁ । ବ୍ୟବସ୍ଥାରେ ପରିବର୍ଭନ ଅଣିଲେ ତ୍ରୁପ୍ତାଗର କମିଶ, ଯାହା ଦେଶରେ ଭାଜପା ସରକାର କରି ଦେଖାଇଛି । ଭାଜପା ଯାହା କୁହେ ତାହା କରେ ବୋଲି ଅଭିଭାଷଣ ରଖି ମୋଦି ସରକାର ଆଜି ବିଶ୍ଵରେ ରଞ୍ଜିତ ପରିଧିରେ ରହିଛି ବୋଲି କହିଥିଲେ ।

ଭାଜପା ଜିଲ୍ଲା ସଭାପତି ଶିବ ପଚନାନ୍ଦକଙ୍କ ଅଧ୍ୟକ୍ଷତାରେ ଅନୁଷ୍ଠାତ ଏହି କାର୍ଯ୍ୟକ୍ରମରେ ଜିଲ୍ଲା ସମ୍ପାଦକ ପଢ଼ନୀର ଦାସ ମଞ୍ଚ ପରିଚାଳନା କରିଥିଲେ । ରାଜ୍ୟ ସଭା ସଦସ୍ୟ ରୁଚେଳନ ଓରାସିଆ କାର୍ଯ୍ୟକ୍ରମରେ ଯୋଗଦାନ କରି ଓଡ଼ିଶାର ବିକାଶ କିଏ ଚୋରି କରିଛି ବୋଲି ପ୍ରଶ୍ନ

ପ୍ରକାଶକ

# ‘ମିଷ୍ଟର ଆଣ୍ଟ ମିସେସ ମାର୍କ’ର ପ୍ରଥମ ଲୁଙ୍କ

ଶ୍ରୀମଦ୍ଭଗବତ

ଭାଜୁକୁମାର ରାତ୍ରି ଏବଂ ଜାହାଙ୍ଗା କପୁରାଜ ପିଲ୍ଲା  
‘ମିଶ୍ରନ ଆଖି ମିସେସ ମାହି’ କୁ ନେଇ ଦାର୍ଘ୍ୟଦିନ  
ଧରି ଚଞ୍ଚଳାଗାନିରହିଛି । ଶରଣ ଶର୍ମାଙ୍କ ନିର୍ଦ୍ଦେଶିତ  
ଏହା ହେଉଛି ଏକ ଝୋର୍ଷେ ତ୍ରୀମା କଳିକ୍ଷତ୍ର । ଏହି  
କଳିକ୍ଷତ୍ର ଭାରତୀୟ କ୍ରିକେଟ ଦଳର ପୂର୍ବତନ  
ଅଧ୍ୟାନୀୟକ ମହେନ୍ଦ୍ର ସି ଧୋମାଙ୍କ ଜାବନା  
ଉପରେ ଆଧାରିତ ହିଁ । ପିଲ୍ଲାର ପ୍ରଥମ  
ଲୁଣ ପାଇଁ ପ୍ରଶଂସକମାନେ ଦାର୍ଘ୍ୟ ଦିନ ଧରି  
ଉଥାର ସଥି ଅପେକ୍ଷା କରିଥିଲେ । ପ୍ରଶଂସକଙ୍କ  
ଅପେକ୍ଷାକୁ ସମାପ୍ତ କରି ପିଲ୍ଲା ନିର୍ମାତାଙ୍କ  
ପକ୍ଷରୁ ଏହାର ଖଳକ ଜାରି କରାଯାଇଛି ।

ଜାହନବୀ କପୁର ଏହି ଚଳକ୍ଷତ୍ର ତିମୋଟି  
ପୋଷ୍ଟର ନିଜ ଲନ୍ଧୁଗ୍ରାମ ଆଇତିରେ  
ଶୋଯାର କରିଛନ୍ତି । ସେ ଏହାର କ୍ୟାପଶନରେ  
ଲେଖିଛନ୍ତି, ମିଶ୍ରର ଏବଂ ମିସେସ୍ ମାହିଳ୍ଲୁ  
ଡେଚ୍ରୁ । ସେମାନଙ୍କ ପାଇଁ କ୍ରିକେଟ୍ ହଁ ଜାବନା ।  
କ୍ରିକେଟ୍ରୁ ଛାଡ଼ି ମାହି କେବଳ ନିଜ ସ୍ଥାଳୁ ହଁ  
ଭଲ ପାଆନ୍ତି । ଏହି ପୋଷ୍ଟରରେ ପିଲ୍ଲାର ମାମ  
ବ୍ୟତାତ ରିକିର ତାରିଖ ମଧ୍ୟ ଲେଖାଇଛନ୍ତି ।

ଏହି ଚଳକ୍ଷତ୍ର ଆସନ୍ତା ଗାଁରେ ମୁକ୍ତିଲାଭ  
କରିବାକୁ ଯାଉଛି। ଏହାସହ ପ୍ରଥମ ଥର ପାଇଁ

A close-up photograph of a group of Indian fans cheering at a cricket match. In the foreground, a woman with dark hair and a man with a mustache are laughing and smiling. The woman has an Indian flag painted on her cheek. Other fans are visible in the background, some with their hands raised in excitement.

ରାଜକୁମାର ରାଓ ଏବଂ ଜାହାଙ୍ଗ କଷୁରଙ୍ଗୁ ବଡ଼ ପରଦାରେ ଏକାଠି ଦେଖାବୀ ମିଳିବ। ସୋଇଆଲ ମିଡ଼ିଆ ମୁଖ୍ୟ ସର୍ବ ଏହି ଫିଲ୍ମର ପୋଷନକୁ ବେଶ ପଥାସ କରିଛନ୍ତି। ପୂର୍ବରୁ ୨୦୧୩ରେ ଧୋନୀଙ୍କ ବାଘୋପିକ୍ ‘ଏମସ୍ୟ ଧୋନୀ: ଦି ଅନଗୋଲୁ ଷ୍ଟେର’ ପ୍ରସ୍ତୁତ କରାଯାଇଥିଲା ଏହି ଚଳିତରେ ଧୋନୀଙ୍କ ଚିତ୍ରରେ ଅଭିନେତା ପୁଣ୍ୟାନ୍ତ ହିଁ ରାଜପୁତ ଚମକାର ଅଭିନୟ କରିଥିଲେ। ତେଣୁ କରନ କୋହରଙ୍କ ନିର୍ମତ ଏହି ଫିଲ୍ମକୁ ନେଇ ଧୋନୀଙ୍କ ପ୍ରଶଂସକଙ୍କ ମଧ୍ୟରେ ଉଥାହ ବଢ଼ିଛି ‘ପ୍ଲେନ ସବ୍ରେନ’ ଚଳିତରୁ ପରେ ନିର୍ଦ୍ଦେଶକ ଶରନ ଶର୍ମା ଏବଂ ଜାହାଙ୍ଗ କଷୁର ଦ୍ୱିତୀୟ ଥର୍ମ ପାଇଁ ଏକାଠି କାମ କରୁଛନ୍ତି। ସେହିପରି ଜାହାଙ୍ଗ ପ୍ଲେନାଙ୍ଗ୍ ‘ଦେବରା ପାର୍ଟ – ୧’ ଚଳିତରୁ ସହ ଚଳିତରେ ତେଣୁ କରିବା କୁମାରଙ୍କିରଣ ପରିବହିତ ରାଜକୁମାର ରାଓ ତାଙ୍କ ଚଳିତରୁ ‘ଶ୍ରୀକାନ୍ତ ପାଇଁ ଏବେ ଚର୍ଚାରେ ରହିଛନ୍ତି। ଏହି ଚଳିତରୁ ଆସନ୍ତା ୧୦ରେ ପୁଣ୍ୟାନ୍ତ କରିବାକୁ ଯାଉଛି

# ବିଦ୍ୟାମ୍ବନ କରିବେ ପ୍ରିତୀଯୁ ବିଶ୍ୱପୁରୁଷ ଶତ୍ୟ ନାୟକ

ଓঁশিৎসু

ଆମେରିକା ପାଇଁ ସ୍ଵତାନ୍ତ ବିଶ୍ୱଯୁଦ୍ଧରେ  
ସାହସର ସହ ଲକ୍ଷ୍ମୀଥିବା ହେଠାଳୁ ଚେରେବୁ  
ଏବେ ଚର୍କାକୁ ଆବିଛନ୍ତି । ସେ ଆସନ୍ତା ମାସ  
ପ୍ରାବୁରେ ନିଜ ପ୍ରେମିକା ଜିନ୍ ସେଞ୍ଜିଳିଙ୍କୁ ବିବାହ  
କରିବାକୁ ଯାଉଛନ୍ତି । ହେଠାଳୁ ବୟସ ୧୦୦  
ହୋଇଥିବା ବେଳେ ତାଙ୍କ ପ୍ରେମିକାଙ୍କ ବୟସ ୯୭  
ରହିଛି । ୧୦୨୧ ରୁ ଉଭୟ ପରିଷ୍ଵରକୁ ଡେବୁ  
କରିଛନ୍ତି । ଉଭୟ ହେଠାଳୁ ଓ ସେଞ୍ଜିଳିଙ୍କ ଖେଳିଂ  
ଭେଲୁସି ବହୁତ ଖାସ ରହିଛି । ଏମାନଙ୍କ ବିବାହ  
କାହିଁ ହେବାନ୍ତି ହେବାନ୍ତି ହେବାନ୍ତି

ସେହି ସମ୍ବନ୍ଧ କୁଳରେ ହେବ ଯେଉଁ ବିତ୍ତୀୟ ବିଶ୍ୱାସ ସମୟରେ ଲଜ୍ଜିବା ପାଇଁ ପହଞ୍ଚିଥିଲେ ।  
ମିଳିଥିବା ମୂରନା ଅନୁସାରେ ନିଜ ବିବାହକୁ ନେଇ ହେବୋଲୁ ଦେଶ ଉପାହିତ ଅଛନ୍ତି । ସେ ନିଜ ବିବାହକୁ ଖଣଣାୟ କରିବାକୁ ଚାହୁଁଛନ୍ତି । ବିଶ୍ୱାସ ୨ ସମୟରେ ଆମେରିକାୟ ବାହୁଦେଶର ଅଂଶ ରହିଥିବା ହେବୋଲୁଙ୍ଗୁ ଆସନ୍ତା ମାସ ଗରେ ତି ତେ' ଲ୍ୟାଣ୍ଡର ଟ୍ରଂ ବର୍ଷ ପୂର୍ବ ଉପଲମ୍ବେ ସାନ୍ଧାନିତ କରାଯିବ । ୧୯୪୪ ମିହାର ଏହି ଏତିଥାସିକ ଦିନରେ ଆମେରିକା ମିତ୍ରଦେଶମାନଙ୍କ ସହ ସାମିଲ ହୋଇ ବିଶ୍ୱାସର ତିତ୍ର ବଦଳାଇ ପାରିଥିଲା । ଏହି ଯତ୍ନରେ ହେବୋଲୁ ଅନ୍ତ କେତେଜଣ

A color photograph of an elderly couple, a man and a woman, sitting close together on a light-colored wicker couch. The woman, on the left, has long, wavy, light-colored hair and is wearing a dark green, ribbed, short-sleeved sweater. She is smiling warmly at the man. The man, on the right, is balding with receding hairline, has a wrinkled face, and is wearing a blue and white plaid shirt. He is also smiling. They appear to be in a comfortable, indoor setting.

ଭାଗ୍ୟଶାଳୀଙ୍କ ମଧ୍ୟରେ ରହିଥିଲେ ଯେଉଁମାନେ ଯୁଦ୍ଧ ସରିବା ପରେ ଜୀବିତ ଫେରିପାରିଥିଲେ । ସମ୍ବାନୀତ ହେବାର ୨ ଦିନ ପରେ ସେ ନିଜ ପ୍ରେମିକା ଜ୍ଞାନ ସେଖଣ୍ଡନଙ୍କ ସହ ପ୍ରାଚ୍ଚର ଏକ ସମ୍ବୁଦ୍ଧ କୂଳରେ ବିବାହ କରିବେ । ୧୯୪୪ରେ ଦ୍ଵିତୀୟ ବିଶ୍ୱାଷ ସମୟରେ ଏହି ସମ୍ବୁଦ୍ଧକୂଳରୁ ଆମେରିକାର ହଙ୍ଗାର ହଙ୍ଗାର ସୈନିକ ଯୁଦ୍ଧ ପାଇଁ ବାହାରିଥିଲେ । ଏହି ବିବାହ କାର୍ଯ୍ୟକ୍ରମ ସହରର ମୋଯରଙ୍କ ଉପାଦ୍ଧିତିରେ ସମ୍ମନ ହେବ ।

ତେବେ ଏକ ସାଧାରକାର ଦେଲେ ହେବୋଲୁ ସେ ଓ ସେଖଣ୍ଡ ଗତ ୩ ବର୍ଷ ଧରି ଯୁବପିତଙ୍କ ପରି ପରବର୍ତ୍ତୁ ବାରମ୍ବାର ଭେଟିବାକୁ ପଥ୍ୟ କରିଥିଲେ । ୧୦୦ ବର୍ଷାୟ ହେବୋଲୁ

ଜଣେ ମଜାଳିଆ ବ୍ୟକ୍ତିଦ୍ୱାରା ହୋଇଥିବାବେଳେ ତାଙ୍କର ସ୍ଥାନ ଶକ୍ତି ଆଗରେ ବସ୍ତମ୍ ହାତେ ମାନିଥିବା ପ୍ରେମିକା ସେଖଣ୍ଡ କହିଛନ୍ତି ଖବର ଅନୁଯାୟୀ, ପ୍ରଥମ ବିଶ୍ୱାସ ଶେଷ ହେବା ପରେ ହେବୋଲୁ ଘରକୁ ଫେରି ସୋଠାରେ ଥେଲମାଙ୍କୁ ବିବାହ କରିଥିଲେ । ହେବୋଲୁଙ୍କେ ଡିମେଟି ସନ୍ତାନ ମଧ୍ୟ ରହିଛନ୍ତି । ସେ ଏକ ଦ୍ରୁଟିତ କଳ୍ପନାରେ ମଧ୍ୟ କାର୍ଯ୍ୟ କରିଛନ୍ତି । ଅବସର ପରେ ସେ ପରିବାର ସହ ଫ୍ଲୋରିଟାରେ ବସବାର କରୁଥିଲେ । ୧୦୧ରେ ସ୍ତ୍ରୀ ଥେଲମାଙ୍କ ମୃତ୍ୟୁ ହେବୋଲୁଙ୍କୁ ଏକୁଟିଆ କରିଦେଇଥିଲା । ଏହି ସମୟ ମଧ୍ୟରେ, ହେବୋଲୁ ଜଣେ ବନ୍ଦଙ୍କ ମାଧ୍ୟମରେ ସେଖଣ୍ଡଙ୍କ ଭେଟିଥିଲେ











No.CAD-107 File No.: J-I1015/959/2007-IA.II(M)

GOVERNMENT OF INDIA

MINISTRY OF ENVIRONMENT  
FOREST AND CLIMATE CHANGE, IA DIVISION

Dated 07/05/2024



To,  
**M/s Odisha Mining Corporation Limited**  
 Odisha Mining Corporation Limited OMC House,  
 Post Box No.: 34, Bhubaneswar, Bhubaneswar,  
 KHORDHA, ODISHA, Adjacent to Odisha Legislative Assembly,  
 751001  
 envel.omc@gmail.com

**Subject:** Mining of Iron Ore in JillingLangalotta Iron Ore Mine of M/s Odisha Mining Corporation Limited with total excavation of 17.4385 Million TPA [Saleable Iron ore- 7.7723 Million TPA, Mineral rejects-2.2276 Million TPA, Waste: 7.4385 Million TPA, Topsoil: Nil] along with existing: 5 nos. with Total Capacity - 1400 TPH (Stationary Crushing Unit), 2 x 300 TPH, 1 x 400 TPH, Existing: 3 nos. with Total Capacity - 150 TPH (Mobile Screening Unit), 1 x 150 TPH Mobile Screening Plant 1 x 50 TPH, Stationary Screening Plant, 1 x 100 TPH Mobile Screening Plant, New: 10 nos. with Total Capacity - 4550 TPH (Crushing Unit), 1x800 TPH, 3 x 600 TPH, 3 x 400 TPH, 1 x 300 TPH, 1 x 250 TPH, 1 x 200 TPH, New: 4 nos. with Total Capacity - 1000 TPH (Portable Screening Units), 4 x 250 TPH in the mine lease area of 406.35 ha [Forest land: 342.602 ha + Non-Forest land: 63.748 ha] out of 456.037 ha (as per DGPS)/456.100 ha (as per RoR) located at Village(s) Jalahari, Jurudi, Banspani, Khuntapani, Bholebeda, Jajang, Baitarani Reserve Forest in Barbil Tehsil, Keonjhar District, Odisha - [Proposal No: IA/OR/MIN/440292/2023, IA-J11015/34/2021-IA.II(M), EIA Consultant: M/s. MECON Ltd] - Environmental Clearance (Auction mine) – reg.

Sir/Madam,

This is in reference to your application for IA/OR/MIN/440292/2023 dated 15.08.2023 for grant of environmental clearance to the project for proposed Mining of Iron Ore in JillingLangalotta Iron Ore Mine of M/s Odisha Mining Corporation Limited with total excavation of 17.4385 Million TPA [Saleable Iron ore- 7.7723 Million TPA, Mineral rejects-2.2276 Million TPA, Waste: 7.4385 Million TPA, Topsoil: Nil] along with existing: 5 nos. with Total Capacity - 1400 TPH (Stationary Crushing Unit), 2 x 300 TPH, 1 x 400 TPH, Existing: 3 nos. with Total Capacity - 150 TPH (Mobile Screening Unit), 1 x 150 TPH Mobile Screening Plant 1 x 50 TPH, Stationary Screening Plant, 1 x 100 TPH Mobile Screening Plant, New: 10 nos. with Total Capacity - 4550 TPH (Crushing Unit), 1x800 TPH, 3 x 600 TPH, 3 x 400 TPH, 1 x 300 TPH, 1 x 250 TPH, 1 x 200 TPH, New: 4 nos. with Total Capacity - 1000 TPH (Portable Screening Units), 4 x 250 TPH in the mine lease area of 406.35 ha [Forest land: 342.602 ha + Non-Forest land: 63.748 ha] out of 456.037 ha (as per DGPS)/456.100 ha (as per RoR) located at Village(s) Jalahari, Jurudi, Banspani, Khuntapani, Bholebeda, Jajang, Baitarani Reserve Forest in Barbil Tehsil, Keonjhar District, Odisha subject to the certain specific conditions in addition to the standard EC conditions applicable for non-coal mining projects.

5. The matter was examined in the EAC in accordance with the Environmental Impact Assessment Notification, 2006 and further amendments thereto and the undersigned is directed to say that the Ministry of Environment Forest & Climate Change after accepting the recommendation of EAC (Non-Coal Mining) during its 23rd & 26th meeting held on 5-7 December, 2023 and 31st January & 1st February, 2024, hereby accords environmental clearance in favour of M/s Odisha Mining Corporation Limited for mining of Iron Ore in JillingLangalotta Iron Ore Mine with total excavation of 17.4385 Million TPA [Saleable Iron ore- 7.7723 Million TPA, Mineral rejects-2.2276 Million TPA, Waste: 7.4385 Million TPA, Topsoil: Nil] along with existing: 5 nos. with Total Capacity - 1400 TPH (Stationary Crushing Unit), 2 x 300 TPH, 1 x 400 TPH, Existing: 3 nos. with Total Capacity - 150 TPH (Mobile Screening Unit), 1 x 150 TPH Mobile Screening Plant 1 x 50 TPH, Stationary Screening Plant, 1 x 100 TPH Mobile Screening Plant, New: 10 nos. with Total Capacity - 4550 TPH (Crushing Unit), 1x800 TPH, 3 x 600 TPH, 3 x 400 TPH, 1 x 300 TPH, 1 x 250 TPH, 1 x 200 TPH, New: 4 nos. with Total Capacity - 1000 TPH (Portable Screening Units), 4 x 250 TPH in the mine lease area of 406.35 ha [Forest land: 342.602 ha + Non-Forest land: 63.748 ha] out of 456.037 ha (as per DGPS)/456.100 ha (as per RoR) located at Village(s) Jalahari, Jurudi, Banspani, Khuntapani, Bholebeda, Jajang, Baitarani Reserve Forest in Barbil Tehsil, Keonjhar District, Odisha subject to the certain specific conditions in addition to the standard EC conditions applicable for non-coal mining projects.

6. The details of the project is at Annexure 2.

7. The Ministry reserves the right to stipulate additional conditions, if found necessary.

8. The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with the amendments and rules made thereunder and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.

9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals / clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.

10. General Instructions:

- The project proponent shall prominently advertise it at least two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environmental clearance and the details of MoEF&CC website where it is displayed.
- The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn must display the same for 30 days from the date of receipt.
- The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviations/violations of the environmental / forest / wildlife norms / conditions.
- Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- The Regional Office of this MoEF&CC shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data / information/monitoring reports.

11. This issue with an approval of the Competent Authority.

**Copy To**

- i. The Secretary, Ministry of Mines, Government of India Shastri Bhawan, New Delhi.
- ii. The Chief Secretary, Government of Odisha, Secretariat, Bhubaneswar.
- iii. The Secretary, Department of Environment, Government of Odisha, Secretariat, Bhubaneswar.
- iv. The Secretary, Department of Mines and Geology, Government of Odisha, Secretariat, Bhubaneswar.
- v. The Secretary, Department of Forests, Government of Odisha, Secretariat, Bhubaneswar.
- vi. The Secretary, Department of Steel and Mines, Government of Odisha, Secretariat, Bhubaneswar.
- vii. The Member Secretary, Odisha Pollution Control Board, Parivesh Bhawan, A/118 Nilakantha Nagar, Unit-VIII, Bhubaneswar-751012.
- viii. The Deputy Director General of Forests(C), Ministry of Environment, Forest and Climate Change, Regional Office, A/3, Chandrasekharpur, Bhubaneswar – 751023.
- ix. The Chief Wildlife Warden, Prakurti Bhawan, 5th floor, BDA Apartment, Nilakanthanagar, Nayapalli, Bhubaneswar-751012, Odisha.
- x. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
- xi. The Controller General, Indian Bureau of Mines, Indira Bhavan, Civil Lines, Nagpur- 440001.
- xii. The Member Secretary, Central Ground Water Board, Ministry of Agriculture and Irrigation, 12/1 Jam Nagar House, Shahjahan road, New Delhi 110011.
- xiii. Guard File.
- xiv. PARIVESH Portal.

**Annexure 1****Specific EC Conditions for (Mining Of Minerals)****1. Validity**

S. No	EC Conditions
1.1	The instant Environmental Clearance (EC) will be valid upto the mine lease period i.e., 10.01.2031.
2. Mining Activity In Mine	
2.1	Mining activity is restricted to the forest land (342.602ha) for which the Stage IIFC is available plus the non-forest land (63.748 ha).
2.2	No mining activity shall be carried out in the forest land for which the Stage-II FC is not available.
3. Fc Transfer	

3.1	The Project Proponent shall adhere to the Ministry's letter dated 07.07.2021 regarding Guidelines under Forest (Conservation) Act, 1980 for transfer of approvals granted under the Forest (Conservation) Act, 1980 to mining leases allotted to new lessee as per the provisions of the Mines and Minerals (Development and Regulation) Amendment Act, 2021.
4. Mineral Conservation	
S. No	EC Conditions
4.1	The Project Proponent shall ensure that the low grade ore shall be effectively utilized.
5. Protection Of Water Bodies	
S. No	EC Conditions
5.1	No water bodies shall be disturbed at any stage of mining activity. The Project Proponent needs to undertake adequate measures to prevent contaminated water meeting Baitarani river.
6. Wildlife Conservation Plan	
S. No	EC Conditions
6.1	The Project Proponent should follow-up the implementation status on Site-Specific Wildlife Conservation Plan including the scientific plan for movement of elephants from one forest to the other forest area from the Forest Officials and the same shall be submitted to the Ministry's Regional Office in the six monthly compliance report.
7. Conservation Of Wildlife	
S. No	EC Conditions
7.1	The Project Proponent needs to use modern equipment's such as Camera Traps for ensuring presence and movement of wild animals in the vicinity of the mine lease area as well as in study area in consultation with Wildlife Wing of Forest Department. Appropriate interventions shall be taken to minimise stress conditions for wild animals and to avoid Man-Animal conflict.
8. Garland Drains	
S. No	EC Conditions
8.1	The Project Proponent needs to strengthen the garland drain. Regular maintenance of surface water management structures has to be carried out to prevent and control the water pollution and soil erosion. The Project Proponent shall take adequate measures to prevent the washout of fines during monsoon season.
9. Plantation Density	
S. No	EC Conditions
9.1	The Project Proponent needs to undertake the gap plantation in vacant places to increase the density of the plantation.
10. Fugitive Dust Suppression	
S. No	EC Conditions
10.1	The Project Proponent needs to make provision for permanent water sprinklers instead of mobile tankers all along the haul road. About, 10 nos. of fog canon/mist sprayer of atleast 40 m throw shall be installed at various locations in the mine lease area. Effective dust suppression system shall also be adopted at other parts of the mining lease to arrest the fugitive dust emission.
11. Monitoring	
S. No	EC Conditions
11.1	The Project Proponent shall monitor the air quality, noise level, soil quality, water quality, water level and ground vibration at the edge of the mine, near the village and at other sensitive receptors and such collected data shall be submitted quarterly to the Ministry's Regional Office.
12. Dust Suppression	
S. No	EC Conditions
12.1	The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, and other areas prone to air pollution. PP shall take necessary measures to avoid generation of fugitive dust emissions. The dense plantation shall be carried out in the vicinity of the crusher. The Stack emission monitoring of the Crusher shall be carried out at periodic intervals.
13. Public Hearing (Ph) Concerns	
S. No	EC Conditions
13.1	The budget of Rs. 1865.582 Lakhs to address the concerns raised by the public in the public consultation to be completed within 3 years from the date of start of mining operations. PP shall comply with all action plans made for public hearing concerns and make regular maintenance and record the progressive activity outcomes. The Project proponent shall ensure that the activities proposed under the public hearing is different from the CSR activities.
14. Implementation Of Emp	
S. No	EC Conditions
14.1	The Project Proponent should adopt the proper mitigation measures as proposed under EMP with budgetary provision of Rs 44.77 Cr. The adoption of mitigation measures and monitoring of the same as proposed in the EMP shall be done under the supervision of the qualified environmental personnel. The implementation status of the same shall be submitted to the Ministry's Regional Office.
15. Single Use Plastic	
S. No	EC Conditions
15.1	The Project Proponent shall create awareness among the local people working within the project area as well as its surrounding area on the ban of Single Use Plastic (SUP) in order to ensure the compliance of Notification published by MoEF&CC on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report.
16. Emp	
S. No	EC Conditions
16.1	The Project Proponent should establish in house (at project site) environment laboratory for measurement of environment parameter with respect to air quality and water (surface and ground). A dedicated team to oversee environment management shall be setup at site which should comprise of Environment Engineers, Laboratory chemist and staff for monitoring of air, water quality parameters on routine basis instead of engaging environment monitoring laboratories/consultants. Any non-compliance or infringement should be reported to the concerned authority.
17. Clean Energy	
S. No	EC Conditions
17.1	Project Proponent shall explore the possibility of using atleast 20% of Electric vehicles/CNG/Solar instead of diesel operation within three years.
18. Groundwater	
S. No	EC Conditions
18.1	NoC from the Central Ground Water Authority (CGWA) / Concerned Local authority, as the case may be, shall be obtained before drawing the ground water for the project activities. State Pollution Control Board / Pollution Control Committees shall not issue the Consent to Operate (CTO) under Air (Prevention and Control of Pollution) Act and Water (Prevention and Control of Pollution) Act till the project proponent shall obtain such permission.
19. Skill Development/employment	
S. No	EC Conditions
19.1	The Project Proponent shall also organize employment-based apprenticeship/internship training program every year with appropriate stipend for the youth and other programs to enhance the skill of the local people. The data should be maintained for the training imparted to the persons and the outcome of the training, for the assessment of the training program should be analyzed periodically and improved accordingly. The preference shall be given to the local people for the purpose of employment.
20. Regrassing	
S. No	EC Conditions
20.1	The mining lease holders shall, after ceasing mining operations, undertake regrassing the mining area and any other area which may have been disturbed due to their mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc. The implementation report of the above said condition shall be submitted to the Ministry's Regional Office.
21. Carrying Capacity Study For Environmentally Sustainable Iron Ore Mining	
S. No	EC Conditions
21.1	The Project Proponent needs to strictly adhere to the recommendations of Carrying Capacity Study for Environmentally Sustainable Iron Ore Mining Activities in Keonjhar, Sundargarh and Mayurbhanj Districts of Odisha State.
Standard EC Conditions for (Mining of minerals)	
1. Statutory Compliance	
S. No	EC Conditions
1.1	This Environmental Clearance (EC) is subject to orders/judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.
1.2	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors before commencing the mining operations.
1.3	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India &Ors.
1.4	The Project Proponent shall follow the mitigation measures provided in MoEFCC's Office Memorandum No. Z-11013/57/2014-IA.II (M), dated 29th October, 2014, titled "Impact of mining activities on Habitations-Issues related to the mining Projects wherein Habitats and villages are the part of mine lease areas or Habitats and villages are surrounded by the mine lease area".
1.5	A copy of EC letter will be marked to concerned Panchayat/local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.
1.6	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
1.7	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change ( <a href="http://www.parivesh.nic.in">www.parivesh.nic.in</a> ). A copy of the advertisement may be forwarded to the concerned MoEFCC Regional Office for compliance and record.
1.8	The Project Proponent shall inform the MoEFCC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred, PP needs to apply for transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
2. Air Quality Monitoring And Preservation	
S. No	EC Conditions
2.1	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B- 29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

2.2 Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and prevent maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.

### 3. Water Quality Monitoring And Preservation

#### S. No EC Conditions

3.1 In case immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.

3.2 Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.

3.3 The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nullahs existing/ flowing in and around the mine lease including upstream and downstream. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.

3.4 Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off, acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.

3.5 Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.

3.6 Industrial waste water (work shop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.

3.7 The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEFCC and State Pollution Control Board/Committee.

### 4. Noise And Vibration Monitoring And Prevention

#### S. No EC Conditions

4.1 peak particle velocity at 500 m distance or within the nearest habitation whichever is closer shall be monitored periodically as per applicable DGMS guidelines.

4.2 The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent sleeping disorders and stress may affect the health in the villages located close to mining operations. Habitats have bright/darkness and minimal noise level at night. PPs must ensure that the biological clock of the villages is not disturbed; by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day / night hours.

4.3 The Project Proponent shall take measures for control of noise levels below 85 dBA in the work environment. The workers engaged in operations of HEMM, etc. should be provided with ear plugs/muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training, awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/ personals/ laborers are working without personal protective equipment.

### 5. Mining Plan

#### S. No EC Conditions

5.1 The Project Proponent shall adhere to approved mining plan, inter alia, including, total excavation (quantum of mineral, waste, overburden, inter burden and top soil etc.); mining technology; lease area; scope of working (method of mining, overburden & dump management, O&B & dump mining, mineral transportation mode, ultimate depth of mining, concurrent reclamation and reclamation at mine closure; land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life, etc.).

5.2 The land-use of the mine lease area at various stages of mining scheme as well as at the end-of-life shall be governed as per the approved Mining Plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding reforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance statement shall be submitted half-yearly to the MoEFCC and its concerned Regional Office.

### 6. Land Reclamation

#### S. No EC Conditions

6.1 The Overburden (O.B.), waste and topsoil generated during the mining operations shall be stacked at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB / waste dumps / topsoil dump like height, width and angle of slope shall be governed as per the approved Mining Plan and the guidelines/circulars issued by D.G.M.S. The topsoil shall be used for land reclamation and plantation.

6.2 The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope stability, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plant species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ leveling of dump mass. In critical areas, use of geotextiles/geo-membranes / clay liners / Bentonite etc. shall be undertaken for stabilization of the dump.

6.3 Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nullah/ River/ Pond etc.). The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. The drains/ sedimentation sumps etc. shall be desilted regularly, particularly after monsoon season, and maintained properly.

6.4 Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sum structures over and above peak rainfall (based on 50 years data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/ silt material. The sedimentation pits/ sumps shall be constructed at the corners of the garland drains.

### 7. Transportation

#### S. No EC Conditions

7.1 No Transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/ rural roads shall be allowed in consultation with nodal State Govt. Department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly. Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control (PUC) certificate for all the vehicles from authorized pollution testing centers. [If applicable in case of road transport].

7.2 The Main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. Other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points, material yards etc. should invariably be provided with dust suppression arrangements. The air pollution control equipments like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at Crushers, belt-conveyors and other areas prone to air pollution. The belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.

### 8. Green Belt

#### S. No EC Conditions

8.1 The Project Proponent shall develop green belt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of green belt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.

### 9. S. No EC Conditions

9.1 The Project Proponent shall carryout plantation/ afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting thensitive species in consultation with the State Forest Department/ Agriculture Department/ Rural development department/ Tribal Welfare Department/ Gram Panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per Hectare. Adequate budgetary provision shall be made for protection and care of trees.

9.2 The Project Proponent shall make necessary alternative arrangements for livestock feed by developing grazing land with a view to compensate those areas which are coming within the mine lease. The development of such grazing land shall be done in consultation with the State Government. In this regard, Project Proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The sparse trees on such grazing ground, which provide mid-day shelter from the scorching sun, should be scrupulously guarded/ protected against felling and plantation of such trees should be promoted.

### 10. Public Hearing And Human Health Issues

#### S. No EC Conditions

10.1 Project Proponent shall make provision for the housing for workers/laborers or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/ facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic wastewater should be treated with STP in order to avoid contamination of underground water.

### 11. Corporate Environment Responsibility (Cer)

#### S. No EC Conditions

11.1 The Project Proponent shall submit the time-bound action plan to the concerned regional office of the Ministry within 6 months from the date of issuance of environmental clearance for undertaking the activities committed during public consultation by the project proponent and as discussed by the EAC, in terms of the provisions of the MoEF&CC Office Memorandum No 22-65/2017-I.A.III dated 30 September, 2020. The action plan shall be implemented within three years of commencement of the project.

### 12. Miscellaneous

#### S. No EC Conditions

12.1 The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.

12.2 The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.

12.3 The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEFCC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.

12.4 A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.

12.5 The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.

12.6 In pursuant to Ministry's O.M No 22-34/2018-IA.III dated 16.01.2020 to comply with the direction made by Hon'ble Supreme Court on 8.01.2020 in W.P. (Civil) No 114/2014 in the matter Common Cause vs Union of India, the mining lease holder shall after ceasing mining operations, undertake regressing the mining area and any other area which may have been disturbed due to other mining activities and restore the land to a condition which is fit for growth of fodder, flora, fauna etc.

12.7 The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.

12.8 Concealing factual data failure to comply with any or submission of false/ fabricated data and of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.

12.9 The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court and any other Court of Law relating to the subject matter.

12.10 Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

### Additional EC Conditions

#### N/A

### Annexure-2

#### The details of the project:

The details of the project as ascertained from the documents submitted by the Project Proponent and revealed from the discussions held during the meeting are given as under:

- The proposed project activity is listed at Schedule no. 1(a) Mining of Minerals of the schedule of the EIA Notification, 2006 and falls under Category "A" as the mining lease area is greater than 250ha and appraised at the Central level.
- The mine lease area is located between Latitude 21°56'37.5297" N to 21°08'53.4185" N and Longitude: 85°25'08.8832" E to 85°26'37.1370" E. The mine lease area falls under the Survey of India Topo sheet No:73F/8and73G/5 and falls in Seismic Zone-II.
- The instant proposal was earlier considered in the 20th EAC (Non Coal Mining) meeting held during 21-22 September, 2023 wherein the EAC deferred the proposal for want of requisite information. The Project Proponent submitted the information on 17.11.2023 in Parivesh portal and accordingly the proposal was again considered in the 23rd EAC (Non-Coal Mining) meeting held during 5-7 December, 2023.

Based on observation of EAC in its EAC meeting held during 21-22 September, 2023 and compliance of observation of EAC are detailed below:

S. No	Observation of EAC in its meeting held during 21-22 September, 2023	Reply by the Project Proponent																																								
1	The Project Proponent needs to submit the action plan for strengthening the garland drains including their dimensions along with the timeline	<p>The Project Proponent has submitted that a total length of 3833m of garland drains have been constructed along the retaining walls. The details of existing garland drains in Jilling-Langa lotta mines are as follows:-</p> <table border="1"> <thead> <tr> <th>Sl. No.</th><th>Location</th><th>Length (m)</th><th>Latitude (N)</th><th>Longitude (E)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Jilling Dump No.4</td><td>586</td><td>21°57'57.10</td><td>85°25'52.00</td></tr> <tr> <td>2</td><td>Jilling Dump No.6</td><td>353</td><td>21°57'58.00</td><td>85°26'08.60</td></tr> <tr> <td>3</td><td>Dalko Nala Jilling Side</td><td>1100</td><td>21°57'23.04</td><td>85°25'41.50</td></tr> <tr> <td>4</td><td>Dalko Nala Langa lotta Side</td><td>1300</td><td>21°57'22.20</td><td>85°35'42.10</td></tr> <tr> <td>5</td><td>Langa lotta Vibro Fines Dump No.4</td><td>250</td><td>21°57'19.50</td><td>85°25'47.00</td></tr> <tr> <td>6</td><td>Jajang Rly. Siding Dump 6</td><td>64</td><td>21°56'41.00</td><td>85°25'49.10</td></tr> <tr> <td>7</td><td>Appahatu Dump No.1</td><td>180</td><td>21°58'19.90</td><td>85°25'29.70</td></tr> </tbody> </table> <p>The Project Proponent also submitted that another 953m of garland drains are under construction during FY2023-24 around new Appahatu North &amp; Appahatu South Dumps as proposed in the approved Mining Plan.</p> <p>Further, the Project Proponent has submitted that the existing garland drains shall be renovated with adequate dimensions as mentioned below.</p> <p>Depth : 1500mm Top Width : 2500 mm BottomWidth:1500 mm MasonryThickness: 300mm</p>	Sl. No.	Location	Length (m)	Latitude (N)	Longitude (E)	1	Jilling Dump No.4	586	21°57'57.10	85°25'52.00	2	Jilling Dump No.6	353	21°57'58.00	85°26'08.60	3	Dalko Nala Jilling Side	1100	21°57'23.04	85°25'41.50	4	Dalko Nala Langa lotta Side	1300	21°57'22.20	85°35'42.10	5	Langa lotta Vibro Fines Dump No.4	250	21°57'19.50	85°25'47.00	6	Jajang Rly. Siding Dump 6	64	21°56'41.00	85°25'49.10	7	Appahatu Dump No.1	180	21°58'19.90	85°25'29.70
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2	The EAC was of the view that the linear barriers create for movement of elephants and habitat use needs to be properly addressed in terms of scientific management and a plan for movement of elephants from one forest to the other forest area shall be included in the conservation plan.	<p>The Project Proponent has submitted that the scientific plan for movement of elephants from one forest to the other forest area along with the budget has been prepared by DFO, Keonjhar Forest Division. The following activities are proposed from the Office of the Divisional Forest Officer, Keonjhar Division vide letter dated 30.10.2023 which are as follows:-</p> <ol style="list-style-type: none"> <li>Anti-Depradation and Anti-Poaching Squads</li> <li>Deployment of one elephant tracker</li> <li>Habitat improvement works like gap planting within indigenous species dewatering over 200 ha.</li> <li>Soil moisture conservation measures</li> <li>Construction of gametanks</li> <li>Creation of artificial salt licks and their maintenance.</li> <li>Fire prevention measures</li> <li>Immunization of live stocks</li> <li>Measures to prevent casualties due to train accidents</li> <li>Corpusfund</li> <li>Biodiversity monitoring &amp; development of communication network/ GIS based maps Satellite maps on GIS domain should be procured every year to know the changing profile of the project area in both dry season and wet season for 10 years preferably using the GIS lab of PCCF (WL), Orissa.</li> <li>Eco-development measures in 10VSS areas</li> <li>Awareness promotion</li> <li>Monitoring&amp;evaluation</li> </ol>																																								

The Project Proponent also submitted the Elephant movement around Jilling-Langa lotta Mines

i. 1' Frequently Used Track ~7 kmW&NW of ML

ii. 1' Frequently Used Track ~3.5 km E & SE of ML on other side of R. Baitarani

iii. 1' Rarely Used Track ~5km N & NW of ML.

3	The Project Proponent needs to submit the action taken report for the non-compliances identified by the Regional Office	The Project Proponent has submitted the action taken report for the non-compliances identified by the Regional Office as given below:																																																																																																								
		Sl. No.	Non-Compliance	Compliance by Project Proponent	S. No	Grant of PI/ mine lease/ Order	Date of the grant																																																																																																			
		a)	Greenbelt may increased	Plantation in vacant places within ML and OB dumps has been done to increase the greenbelt. The Project Proponent also submitted the photographs of the plantation undertaken in vacant places within ML and OB dumps.	1	Reservation of Jilling- Langalotta Iron Ore vide No 299/ IV(AB)SM- 01/ 2021/SM, Bhubaneswar	11.01.2021																																																																																																			
4	The Project Proponent needs to submit the treatment methods to eliminate iron in groundwaters to make it fit for drinking purpose.	b)	Reclamation of backfilled area with vegetation may be initiated	At present, backfilling is going on for which plantation has not been started.	2	Letter of Intent vide 307/ IV(AB)SM-01/2021/SM, Bhubaneswar	11.01.2021																																																																																																			
5	The Project Proponent needs to clarify whether any court case/litigation pending against the previous lessee w.r.t temporary working permit and whether the same has been transferred to M/s Odisha Mining Corporation Ltd or not.	c)	Density of plantation may be increased	In the year 2022-23 and in the current year 2023-24, plantation has been done through OFDC, A Govt. of Odisha Undertaking @ 1600 nos. seedlings per ha. The Project Proponent also submitted the joint verification report for plantation work done by Odisha Forest Development Corporation Ltd (OFDC).	3	Order No 317/IV (AB) SM-01/ 2021/SM and Order is valid for a period of 2 years from the date of execution of the lease deed or till the date of getting fresh approvals, clearances, licenses, permits and the like whichever is earlier.	11.01.2021																																																																																																			
6	The Project Proponent should submit measures taken to prevent contaminated water meeting Baitarani river.	The Project Proponent has submitted that no Court case/litigation Pending against the previous lessee.Temporary working permit has been transferred to OMC.																																																																																																								
7	The Project Proponent needs to submit the action plan for effective dust suppression system near haul roads and crushers with a provision for installation of online dust monitoring system	The Project Proponent has submitted that Baitarani River flows from N to S ~0.5 km, E (aerial distance) of ML area. DalkoNala flows through the centre of the lease (from W to E) to join the Baitarani river ~0.6 km east of the mine lease. Most natural drainage from the mine lease flows into DalkoNala. OMC has adopted the following measures to prevent contaminated water from flowing into the DalkoNala (and consequently into the Baitarani River) which are as follows: -  i. Safety Zone of adequate width is maintained all along the course of the DalkoNala within the Lease. The safety zone has been thickly vegetated. ii. Jilling-Gangaigora Quarry located N of DalkoNala; Jajang-Langalotta Quarry located S of DalkoNala. Adequate separation is maintained between the DalkoNala and the quarry rims. Rims of both quarries are at higher levels than DalkoNala, which prevents surface run-offs, if any, from the quarries from flowing into DalkoNala. iii. DalkoNala flows from S to N just beyond the western boundary of the ML area's southern half (before turning towards the east). The old external dump on the south-western side of the ML area has been stabilized and properly revegetated to minimize debris from flowing down towards the DalkoNala with storm water. In addition, there is a retaining wall and garland drain at the toe of the dump. The garland drain is routed through settling pits which are desilted regularly to ensure their efficacy. iv. All existing dumps are located well away from DalkoNala. At the toe of the dumps, there are engineered retaining walls and garland drains. The garland drains are routed to guard ponds which act as settling pits. v. No water accumulated in the quarries is discharged. The accumulated water is utilized for meeting the mine's industrial water requirements. vi. The mine operates on a ZLD Basis. All industrial and domestic effluents are collected, treated and used for meeting the mine's industrial water requirements.  Further, the Project Proponent has submitted that the Baitarani River flows from S to N a short distance beyond the ML's eastern boundary. No external dumps are located on the ML's eastern side. Eastern rims of Jilling-Gangaigora and Jajang-Langalotta Quarries are well above the level of the Baitarani River. A thickly vegetated Safety zone is also maintained between the eastern rims of the two quarries and the ML boundary. These features prevent contaminated water from flowing down directly into Baitarani River.																																																																																																								
iv.	The Project Proponent has submitted that the previous lessee obtained Environmental Clearance for a production capacity of 6.28 MTPA of Iron Ore vide EC letter J-11015/959/2007/IA-II (M) dated 7th June 2012.						v. Details of Mine Lease:-																																																																																																			
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