

## GRI index

Global Reporting Initiative (GRI) G3 Content Assessment.

Referenced page numbers refer to our printed Integrated Annual Report for 2017 which is also available in pdf format on our website, the other references are to our online integrated report for 2017 on our website which contains additional information and information in other areas of our website.

### STANDARD DISCLOSURES PART I: Profile Disclosures

1. Strategy and Analysis			
Profile Disclosure	Description	Reference	Section
1.1	Statement from the most senior decision-maker of the organization	<a href="#">35</a>	Chairman's report
1.2	Description of key impacts, risks, and opportunities.	<a href="#">2-3</a> , <a href="#">4-5</a> , <a href="#">6</a> , <a href="#">7-8</a> , <a href="#">48</a>	Organisational overview and business model, Our operating context; Material issues, Approach to risk management
2. Organisational Profile			
2.1	<b>Name</b> of the organization.	<a href="#">FC</a>	Front cover
2.2	Primary brands, products, and/or services.	<a href="#">2 - 6</a> , <a href="#">16 - 18</a> , <a href="#">50</a>	Organisational overview and business model, Our operating context;
2.3	Operational <b>structure</b> of the organization, including main divisions, operating companies, subsidiaries, and joint ventures.	<a href="#">2</a> , <a href="#">50 - 51</a>	Organisational overview ;
2.4	Location of organisation's <b>headquarters</b> .	<a href="#">iBC</a> , and online	Corporate information
2.5	Number of countries where the organization operates, and names of countries with either major operations or that are specifically relevant to the sustainability issues covered in the report.	<a href="#">2</a> , <a href="#">6</a> , <a href="#">16</a> , <a href="#">18</a>	Organisational overview and business model Our operating context; Manufactured capital
2.6	Nature of <b>ownership</b> and legal form.	<a href="#">1</a> , <a href="#">2</a> , <a href="#">50</a> , <a href="#">52</a> , <a href="#">53</a>	About this report

2.7	<b>Markets</b> served (including geographic breakdown, sectors served, and types of customers/beneficiaries).	<a href="#">6</a> , <a href="#">9-11</a> ,	Our operating context; Chief Executive Officer's strategic review;
2.8	<b>Scale</b> of the reporting organization.	<a href="#">2</a> , <a href="#">3</a> , <a href="#">4</a> , <a href="#">6</a> , <a href="#">12 - 15</a> , <a href="#">16 - 17</a> , <a href="#">30</a>	Group condensed statement of comprehensive income The total workforce of Glencore-Merafe Chrome Venture by employment contract
2.9	Significant <b>changes</b> during the reporting period regarding size, structure, or <b>ownership</b> .	<a href="#">1</a> , <a href="#">3</a> , <a href="#">35</a>	About this report
2.10	<b>Awards</b> received in the reporting period.	<a href="#">1</a> , <a href="#">3</a> , <a href="#">35</a>	About this report, Chairman's
<b>3. Report Parameters</b>			
3.1	Reporting period (e.g., fiscal/calendar year) for information provided.	<a href="#">1</a> , <a href="#">12 - 15</a> , <a href="#">50 - 51</a>	About this report
3.2	Date of most recent previous report (if any).	<a href="#">1</a>	About this report
3.3	Reporting cycle (annual, biennial, etc.)	<a href="#">FC</a> , <a href="#">1</a>	Front cover
3.4	<b>Contact</b> point for questions regarding the report or its contents.	IFC	Corporate information
3.5	Process for defining report <b>content</b> .	<a href="#">1</a> , <a href="#">7-8</a> , <a href="#">49</a>	About this report, Material issues
3.6	<b>Boundary</b> of the report (e.g., countries, divisions, subsidiaries, leased facilities, joint ventures, suppliers). See GRI Boundary Protocol for further guidance.	<a href="#">1</a> , <a href="#">49</a>	About this report
3.7	State any specific <b>limitations</b> on the scope or boundary of the report (see completeness principle for explanation of scope).	<a href="#">1</a> , <a href="#">49</a>	About this report
3.8	Basis for reporting on joint ventures, <b>subsidiaries</b> , leased facilities, outsourced operations, and other entities that can significantly affect comparability from period to period and/or between organizations.	<a href="#">1</a> , <a href="#">2</a> , <a href="#">50 - 51</a>	About this report
3.9	<b>Data</b> measurement <b>techniques</b> and the bases of <b>calculations</b> , including <b>assumptions</b> and techniques underlying estimations applied to the compilation of the Indicators and other information in the report. Explain any	<a href="#">27</a> , <a href="#">1</a> , <a href="#">4</a> , <a href="#">7 - 8</a>	Human capital

	decisions not to apply, or to substantially diverge from, the GRI Indicator Protocols.		
3.10	Explanation of the effect of any re- <b>statements</b> of information provided in earlier reports, and the reasons for such re-statement (e.g., mergers/acquisitions, change of base years/periods, nature of business, measurement methods).	<a href="#">21</a> , <a href="#">22</a>	Greenhouse gas emissions (GHGs) and energy use
3.11	Significant <b>changes</b> from previous reporting periods in the scope, <b>boundary</b> , or <b>measurement</b> methods applied in the report.	<a href="#">1</a>	About this report
3.12	Table identifying the location of the <b>Standard Disclosures</b> in the report.	<a href="#">Available on our website</a>	
3.13	Policy and current practice with regard to seeking external <b>assurance</b> for the report.	<a href="#">1</a> , <a href="#">35</a> , <a href="#">49</a>	Chairman's report; Sustainability review and assurance
<b>4. Governance, Commitments, and Engagement</b>			
4.1	<b>Governance structure</b> of the organization, including committees under the highest governance body responsible for specific tasks, such as setting strategy or organizational oversight.	<a href="#">37 - 41</a>	Our approach to governance
4.2	Indicate whether the <b>Chair</b> of the highest governance body is also an executive officer.	<a href="#">36</a> , <a href="#">35</a> , <a href="#">38</a> , <a href="#">41</a>	Directorate, Chairman's report
4.3	For organizations that have a unitary board structure, state the number of members of the highest governance body that are <b>independent and/or non-executive</b> members.	<a href="#">36</a> , <a href="#">37</a> , <a href="#">41</a>	Directorate, Our approach to governance
4.4	Mechanisms for shareholders and employees to provide <b>recommendations</b> or direction to the highest governance body.	<a href="#">4</a> , <a href="#">7</a> , <a href="#">35</a> , <a href="#">39</a> , <a href="#">54 - 55</a>	Chairman's report. Social, Ethics & transformation Committee, Stakeholder engagement table in online integrated report for 2017
4.5	Linkage between <b>compensation</b> for members of the highest governance body, senior managers, and executives (including departure arrangements), and the organization's performance (including <b>social and environmental performance</b> ).	<a href="#">42 - 44</a>	Abridged remuneration report
4.6	Processes in place for the highest governance body to ensure <b>conflicts</b> of interest are avoided.	<a href="#">37 - 38</a> , <a href="#">41</a> , <a href="#">45</a> , and website	Reporting in terms of Section 3.84 of the JSE; Our approach

			to governance in our online integrated report for 2017
4.7	Process for determining the qualifications and <b>expertise</b> of the members of the highest governance body for guiding the organization's strategy on economic, environmental, and social topics.	<a href="#">38</a> , <a href="#">41</a>	Remuneration and Nomination Committee,
4.8	Internally developed statements of mission or values, codes of <b>conduct</b> , and principles relevant to economic, environmental, and social performance and the status of their implementation.	<a href="#">37</a> , <a href="#">38</a> , <a href="#">39</a> and website	Social, Ethics and Transformation Committee report, Ethics section of online integrated report for 2017
4.9	Procedures of the highest governance body for overseeing the organization's identification and management of economic, environmental, and social performance, including relevant <b>risks</b> and opportunities, and adherence or compliance with internationally agreed standards, codes of conduct, and principles.	<a href="#">7 - 8</a> , 48 and our online integrated report for 2017	Social, Ethics and Transformation Committee report, Ethics section of online integrated report for 2017
4.10	Processes for evaluating the highest governance body's own <b>performance</b> , particularly with respect to economic, environmental, and social performance.	<a href="#">37 - 38</a> , <a href="#">48</a> , <a href="#">41</a>	Our approach to governance
4.11	Explanation of whether and how the <b>precautionary</b> approach or principle is addressed by the organisation.	<a href="#">37</a> , <a href="#">41</a>	Material issues
4.12	Externally developed economic, environmental, and social <b>charters</b> , principles, or other initiatives to which the organization subscribes or endorses.	<a href="#">34</a>	Human rights
4.13	<b>Memberships</b> in associations (such as industry associations) and/or national/international advocacy organizations in which the organization: * Has positions in governance bodies; * Participates in projects or committees; * Provides substantive funding beyond routine membership dues; or * Views membership as strategic.	<a href="#">20</a> , also stakeholder engagement table on our website	Externally developed principles, charters and initiatives which Merafe and Venture subscribe
4.14	List of <b>stakeholder</b> groups engaged by the organization.	<a href="#">4</a> , <a href="#">8</a> and <a href="#">48</a>	Stakeholders
4.15	Basis for <b>identification</b> and selection of stakeholders with whom to engage.	<a href="#">4</a> and on website	Stakeholders and Stakeholder

			engagement table which forms part of our online integrated report for 2017
<b>4.16</b>	Approaches to stakeholder engagement, including <b>frequency</b> of engagement by type and by stakeholder group.	<a href="#">4, 7 - 8, 26, 29, 34, 35, 48</a> and on our website	Engagement with stakeholders, stakeholder responsiveness and the stakeholder engagement table which forms part of our online integrated report
<b>4.17</b>	Key topics and <b>concerns</b> that have been raised through stakeholder engagement, and how the organization has responded to those key topics and concerns, including through its reporting.	<a href="#">4, 7 - 8, 48</a> and website	Stakeholders and stakeholder engagement table which forms part of our online integrated report
<b>STANDARD DISCLOSURES PART II: Disclosures on Management Approach (DMAs)</b>			
<b>G3 DMA</b>			
<b>DMA EC</b>	Disclosure on Management Approach EC	<a href="#">7, 9, 12, 17, 35, 37 - 39, 48</a>	Strategic Review, Financial capital and Governance
<b>DMA EN</b>	Disclosure on Management Approach EN	<a href="#">22</a> and <a href="#">online integrated report for 2017</a>	Incidents and compliance
<b>DMA LA</b>	Disclosure on Management Approach LA	<a href="#">27, 28, 29, 31</a> and our <a href="#">online integrated report for 2017</a>	Human capital
<b>DMA HR</b>	Disclosure on Management Approach HR	<a href="#">34</a> and our <a href="#">online integrated</a>	Respecting the rights of

		<a href="#">report for 2017</a>	communities; Human rights
<b>DMA SO</b>	Disclosure on Management Approach SO	<a href="#">32</a> and our <a href="#">online integrated report for 2017</a>	Social capital
<b>DMA PR</b>	Disclosure on Management Approach PR	Natural capital section of our <a href="#">online integrated report for 2017</a>	Product stewardship
<b>STANDARD DISCLOSURES PART III: Performance Indicators</b>			
<b>Economic</b>			
<b>Performance Indicator</b>			
<b>EC1</b>	Direct economic value generated and <b>distributed</b> , including revenues, operating costs, employee compensation, donations and other community investments, retained earnings, and payments to capital providers and governments.	<a href="#">13, 15</a>	Statement of comprehensive income and value added statement
<b>EC2</b>	<b>Financial</b> implications and other risks and opportunities for the organization's activities due to <b>climate change</b> .	<a href="#">20 - 21</a> and our <a href="#">online integrated report for 2017</a>	The risks associated with climate change
<b>EC3</b>	Coverage of the organisation's defined <b>benefit plan</b> obligations.	Our <a href="#">online integrated report for 2017</a>	Employee benefits
<b>EC4</b>	Significant financial assistance received from <b>government</b> .	N/A	N/A
<b>EC5</b>	Range of ratios of standard entry level wage compared to local minimum <b>wage</b> at significant locations of operation.	N/A	N/A
<b>EC6</b>	Policy, practices, and proportion of spending on <b>locally-based suppliers</b> at significant locations of operation.	<a href="#">34</a>	Procurement
<b>EC7</b>	Procedures for local <b>hiring</b> and proportion of senior management hired from the local community at significant locations of operation.	<a href="#">29, 31, 33, 34</a>	Job creation and skills development
<b>EC8</b>	Development and impact of infrastructure investments and services provided primarily for <b>public</b> benefit through commercial, in-kind, or pro bono engagement.	<a href="#">32</a> and our <a href="#">online integrated report for 2017</a>	Socio - economic development

<b>EC9</b>	Understanding and describing significant <b>indirect</b> economic impacts, including the extent of impacts.	<a href="#">32</a> , and our <a href="#">online integrated report for 2017</a>	Social - economic development
<b>Environmental</b>			
<b>EN1</b>	<b>Materials</b> used by weight or volume.	<a href="#">22</a>	Water
<b>EN2</b>	Percentage of materials used that are <b>recycled input materials</b> .	Natural capital section of our <a href="#">online integrated report for 2017</a>	Waste
<b>EN3</b>	<b>Direct energy</b> consumption by primary energy source.	Natural capital section of our <a href="#">online integrated report for 2017</a>	Natural capital
<b>EN4</b>	<b>Indirect energy</b> consumption by primary source.	<a href="#">21</a> and our <a href="#">online integrated report for 2017</a>	Natural capital
<b>EN5</b>	<b>Energy saved</b> due to conservation and efficiency improvements.	<a href="#">5</a> , <a href="#">18</a> , <a href="#">21</a> , <a href="#">17</a>	Five year historical review and Manufactured capital
<b>EN6</b>	Initiatives to provide energy-efficient or <b>renewable energy</b> based products and services, and reductions in energy requirements as a result of these initiatives.	<a href="#">20</a> and our <a href="#">online integrated report for 2017</a>	Natural capital
<b>EN7</b>	Initiatives to reduce indirect energy consumption and reductions achieved.	<a href="#">20 - 21</a> and our <a href="#">online integrated report for 2017</a>	Natural capital
<b>EN8</b>	Total <b>water</b> withdrawal by source.	<a href="#">22</a>	The Venture's water usage
<b>EN9</b>	Water sources significantly affected by withdrawal of water.	<a href="#">22</a>	Water use and availability
<b>EN10</b>	Percentage and total volume of <b>water recycled</b> and reused.	<a href="#">22</a>	Water

EN11	<b>Location and size of land</b> owned, leased, managed in, or adjacent to, protected areas and areas of high biodiversity value outside <b>protected areas</b> .	Our <a href="#">online integrated report for 2017</a>	Biodiversity and land management
EN12	<b>Description</b> of significant <b>impacts</b> of activities, products, and services <b>on biodiversity</b> in protected areas and areas of high biodiversity value outside protected areas.	N/A	N/A
EN13	<b>Habitats protected or restored.</b>	N/A	N/A
EN14	Strategies, current actions, and future plans for <b>managing impacts on biodiversity</b> .	Our <a href="#">online integrated report for 2017</a>	Biodiversity and land management
EN15	Number of IUCN Red List species and national conservation list species with habitats in areas affected by operations, by level of extinction risk.	N/A	N/A
EN16	Total direct and indirect <b>greenhouse gas emissions</b> by weight.	<a href="#">21</a>	Natural capital
EN17	Other relevant indirect greenhouse gas emissions by weight.	N/A	N/A
EN18	Initiatives to reduce greenhouse gas emissions and reductions achieved.	<a href="#">20</a> and our <a href="#">online integrated report for 2017</a>	Natural capital
EN19	Emissions of <b>ozone-depleting</b> substances by weight.	N/A	N/A
EN20	NOx, SOx, and other significant air emissions by type and weight.	Our <a href="#">online integrated report for 2017</a>	Managing emissions
EN21	Total <b>water discharge</b> by quality and destination.	N/A	N/A
EN22	Total weight of <b>waste</b> by type and disposal method.	Our <a href="#">online integrated report for 2017</a>	Natural capital, Waste
EN23	Total number and volume of significant <b>spills</b> .	<a href="#">22</a> , Our <a href="#">online integrated report for 2017</a>	Incidents and compliance
EN24	Weight of transported, imported, exported, or treated <b>waste deemed hazardous</b> under the terms of the Basel Convention Annex I, II, III, and VIII, and percentage of transported waste shipped internationally.	N/A	N/A
EN25	Identity, size, protected status, and biodiversity value of water bodies and related habitats significantly affected by the reporting organization's <b>discharges of water</b> and runoff.	N/A	N/A



<b>EN26</b>	Initiatives to mitigate environmental impacts of products and services, and extent of impact <b>mitigation</b> .	N/A	N/A
<b>EN27</b>	Percentage of products sold and their <b>packaging materials</b> that are <b>reclaimed</b> by category.	Our <a href="#">online integrated report for 2017</a>	Product stewardship
<b>EN28</b>	Monetary value of significant <b>fin</b> es and total number of non-monetary sanctions for non-compliance with environmental laws and regulations.	<a href="#">22</a>	Incidents and compliance
<b>EN29</b>	Significant environmental impacts of <b>transporting</b> products and other goods and materials used for the organization's operations, and transporting members of the workforce.	N/A	N/A
<b>EN30</b>	Total environmental protection expenditures and investments by type.	N/A	N/A
<b>Social: Labour Practices and Decent Work</b>			
<b>LA1</b>	Total <b>workforce</b> by employment type, employment contract, and region.	<a href="#">30</a>	The total workforce of Venture by employment contract
<b>LA2</b>	Total number and rate of employee <b>turnover</b> by age group, gender, and region.	N/A	N/A
<b>LA3</b>	<b>Benefits</b> provided to full-time employees that are not provided to temporary or part-time employees, by major operations.	Our <a href="#">online integrated report for 2017</a>	Employee benefits
<b>LA4</b>	Percentage of employees covered by <b>collective bargaining agreements</b> .	<a href="#">22</a> , <a href="#">29</a>	Labour relations
<b>LA5</b>	Minimum <b>notice periods</b> regarding significant operational changes, including whether it is specified in collective agreements.	N/A	N/A
<b>LA6</b>	Percentage of total workforce represented in formal joint management-worker <b>health and safety committees</b> that help monitor and advise on occupational health and safety programs.	<a href="#">27</a>	Accountability
<b>LA7</b>	Rates of <b>injury</b> , occupational diseases, lost days, and absenteeism, and number of work-related fatalities by region.	<a href="#">5</a> , <a href="#">27</a>	Safety
<b>LA8</b>	<b>Education, training, counselling, prevention, and risk-control programs</b> in place to assist workforce members, their families, or community members regarding <b>serious diseases</b> .	<a href="#">28</a> and our <a href="#">online integrated report for 2017</a>	Human capital
<b>LA9</b>	<b>Health</b> and safety topics covered in formal agreements with trade <b>unions</b> .	<a href="#">27</a> , <a href="#">29</a>	Accountability
<b>LA10</b>	Average <b>hours of training</b> per year per employee by employee category.	<a href="#">31</a>	Development and training

LA11	Programmes for skills management and lifelong learning that support the continued employability of employees and assist them in managing career endings.	<a href="#">31</a> and our <a href="#">online integrated report for 2017</a>	Human capital
LA12	Percentage of employees receiving regular performance and <b>career development</b> reviews.	Our <a href="#">online integrated report for 2017</a>	Our approach
LA13	Composition of governance bodies and breakdown of employees per <b>category</b> according to gender, age group, minority group membership, and other indicators of diversity.	<a href="#">30</a> , <a href="#">36</a>	Human capital and Governance
LA14	<b>Ratio</b> of basic salary of men to women by employee category.	<a href="#">29</a> and our <a href="#">online integrated report for 2017</a>	Our approach to our employees and Employee remuneration
<b>Social: Human Rights</b>			
HR1	Percentage and total number of significant <b>investment agreements</b> that include <b>human rights clauses</b> or that have undergone human rights <b>screening</b> .	N/A	N/A
HR2	Percentage of significant <b>suppliers and contractors</b> that have undergone screening on human rights and actions taken.	<a href="#">32 - 34</a>	Ethics
HR3	Total hours of <b>employee training</b> on policies and procedures concerning aspects of human rights that are relevant to operations, including the percentage of employees trained.	<a href="#">31</a>	Development and training
HR4	Total number of <b>incidents of discrimination</b> and actions taken.	Our <a href="#">online integrated report for 2017</a>	Social capital: Our approach
HR5	<b>Operations</b> identified in which the right to exercise <b>freedom</b> of association and <b>collective bargaining</b> may be at significant <b>risk</b> , and actions taken to support these rights.	Our <a href="#">online integrated report for 2017</a>	Social capital: Our approach
HR6	Operations identified as having significant <b>risk</b> for incidents of <b>child labour</b> , and measures taken to contribute to the elimination of child labour.	Our <a href="#">online integrated report for 2017</a>	Social capital: Our approach
HR7	Operations identified as having significant <b>risk</b> for incidents of <b>forced or compulsory labour</b> , and measures to contribute to the elimination of forced or compulsory labour.	Our <a href="#">online integrated report for 2017</a>	Social capital: Our approach

HR8	Percentage of <b>security personnel trained</b> in the organisation's policies or procedures concerning aspects of human rights that are relevant to operations.	N/A	N/A
HR9	Total number of <b>incidents</b> of violations involving rights of <b>indigenous people</b> and actions taken.	Our <a href="#">online integrated report for 2017</a>	Social capital: Our approach
<b>Social: Society</b>			
SO1	Nature, scope, and effectiveness of any <b>programmes</b> and practices that assess and manage the impacts of operations on communities, including <b>entering, operating, and exiting</b> .	<a href="#">34</a>	Respecting the rights of communities
SO2	Percentage and total number of business units analysed for risks related to <b>corruption</b> .	<a href="#">34</a>	Ethics
SO3	Percentage of employees trained in organization's <b>anti-corruption policies</b> and procedures.	<a href="#">31</a>	Ethics
SO4	<b>Actions</b> taken in response to incidents of corruption.	<a href="#">34</a>	Ethics
SO5	<b>Public policy</b> positions and participation in public policy development and lobbying.	Our <a href="#">online integrated report for 2017</a>	Externally developed principles, charters and initiatives to which Merafe and the Venture subscribe
SO6	Total value of financial and in-kind <b>contributions</b> to political parties, politicians, and related institutions by country.	N/A	N/A
SO7	Total number of <b>legal</b> actions for anti-competitive behaviour, anti-trust, and monopoly practices and their outcomes.	N/A	N/A
SO8	Monetary value of significant <b>finances</b> and total number of non-monetary sanctions for non-compliance with laws and regulations.	N/A	N/A
<b>Social: Product Responsibility</b>			
PR1	Life cycle <b>stages</b> in which <b>health and safety</b> impacts of <b>products and services</b> are assessed for improvement, and percentage of significant products and services categories subject to such procedures.	Our <a href="#">online integrated report for 2017</a>	Product stewardship
PR2	Total number of <b>incidents</b> of non-compliance with regulations and voluntary codes concerning <b>health and safety</b> impacts of <b>products and services</b> during their life cycle, by type of outcomes.	N/A	N/A
PR3	<b>Type</b> of product and service <b>information required by procedures</b> , and percentage of significant products and services subject to such information requirements.	N/A	N/A

<b>PR4</b>	Total number of <b>incidents</b> of non-compliance with regulations and voluntary codes concerning product and service <b>information and labelling</b> , by type of outcomes.	N/A	N/A
<b>PR5</b>	Practices related to <b>customer satisfaction</b> , including results of surveys measuring customer satisfaction.	N/A	N/A
<b>PR6</b>	Programs for adherence to laws, standards, and voluntary codes related to <b>marketing communications</b> , including advertising, promotion, and sponsorship.	N/A	N/A
<b>PR7</b>	Total number of <b>incidents</b> of non-compliance with regulations and voluntary codes concerning <b>marketing communications</b> , including advertising, promotion, and sponsorship by type of outcomes.	N/A	N/A
<b>PR8</b>	Total number of substantiated <b>complaints</b> regarding breaches of <b>customer privacy</b> and losses of customer <b>data</b> .	N/A	N/A
<b>PR9</b>	Monetary value of significant <b>fin</b> es for non-compliance with laws and regulations concerning the provision and use of products and services.	N/A	N/A