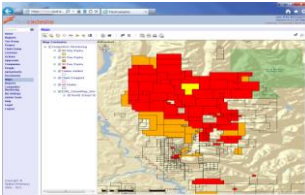
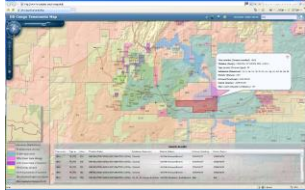




Usando FlexiCadastre para la Gestión de Compensaciones en PNG (Papúa Nueva Guinea)

*Conferencia Regional de Usuarios - Latinoamérica
May 13th – May 14th, 2013*



*Rogelio Castejon, Manager Latin America
Carolyn Holness – Senior Business Analyst – Cape Town*

Visión General

- General del Proyecto
- Áreas de Compensación
- Tipos de Compensación
- Configuración del FlexiCadaastre
- Hemos tenido éxito?
- Beneficios del Sistema
- Otros Proyectos de compensación

Visión General

- La implementación del FlexiCadastre en Barrick Gold en PNG Papúa Nueva Guinea



Visión General

- Derechos (En Tramite & Activos)
 - 28 Derechos relacionados con Explotación
 - 23 Derechos relacionados con Exploración
- Contratos/Acuerdos
 - **1,700** Contratos de Compensación Activos

Visión General

- Derechos

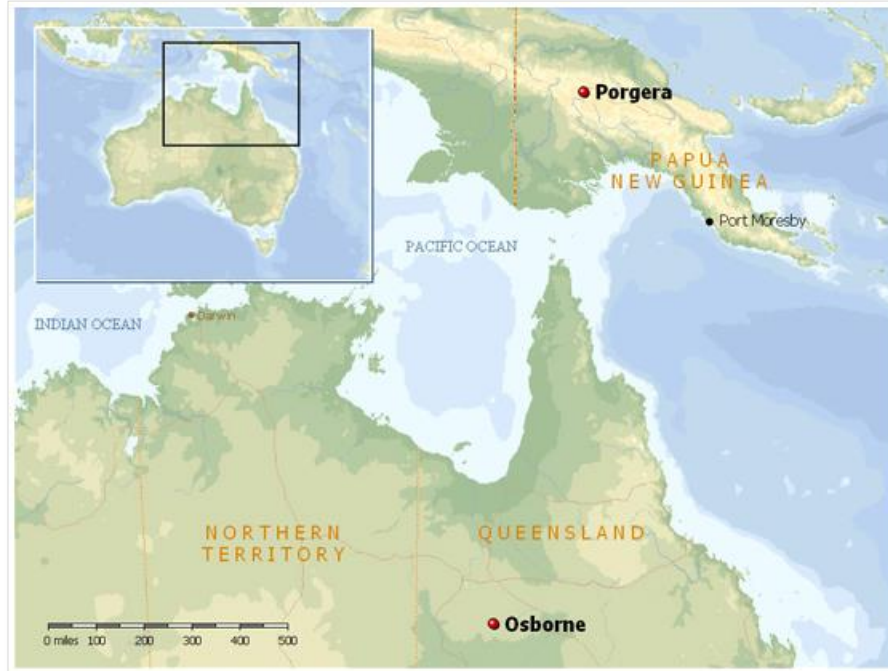
- Pagos hechos año anterior: 51
- Total de acciones (obligaciones cerradas el año anterior): 261

- Contratos de Compensación

- Pagos hechos año anterior: **5,427**
- Total de acciones (obligaciones cerradas el año anterior): **12,526**

Visión General

- ¿Cómo se utiliza FlexiCadastre para la gestión de compensaciones y los procesos de reubicación y los pagos de la mina Porgera de Barrick Gold en PNG?



Visión General

- Mina de oro Porgera situado en las tierras altas de Papua Nueva Guinea



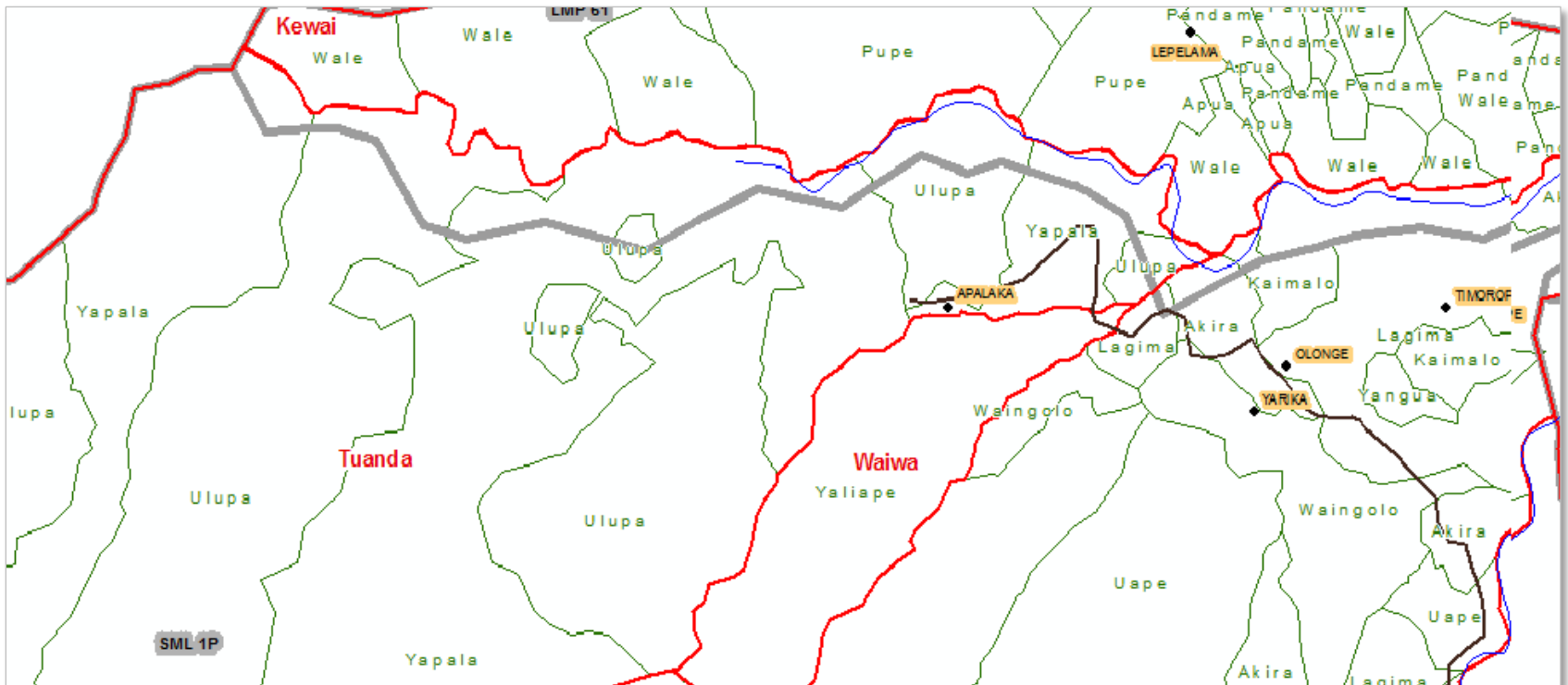
Visión General

- 97% de las propiedades es perteneciente a los habitantes tradicionales
- La tierra es el activo más importante para las personas
- Estilo de vida subsistencia - huertas/ cosechas / bosque



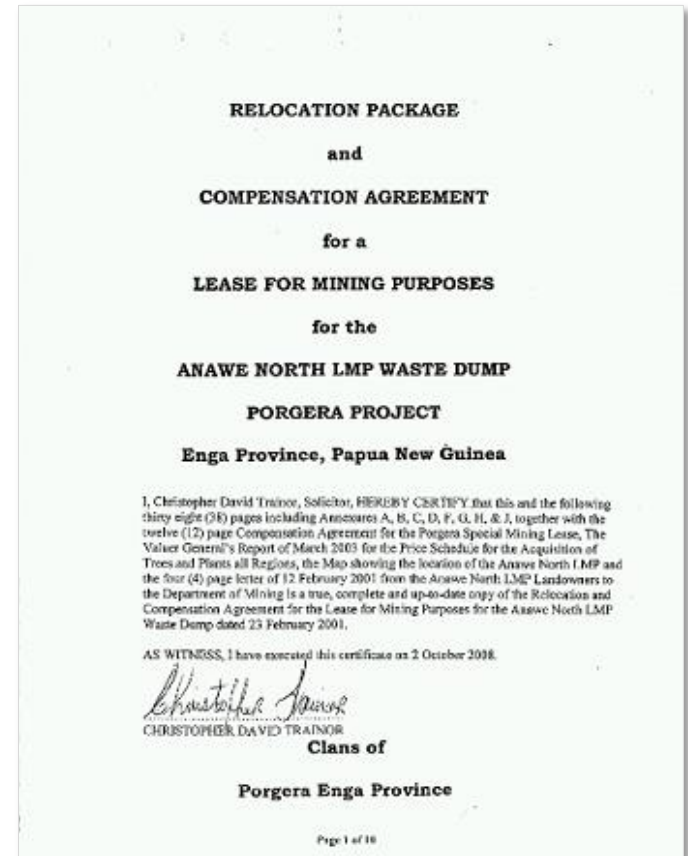
Visión General

- Los habitantes tradicionales pertenecen a los clanes y sub clanes
- Límites Definidos



Visión General

- Derechos Mineros concedidos por el gobierno:
 - después de haber firmado el acuerdo entre la empresa y los propietarios de tierras tradicionales
 - para indemnizar a los propietarios de tierras



Visión General

- Compensación por la pérdida o daño de la tierra, de las estructuras construidas, de la vegetación natural y de las cosechas
- Reubicación para fuera de las zonas mineras



Áreas de Compensación

- Mina (a cielo abierto y subterránea), planta de procesamiento, oficinas, campamentos



Áreas de Compensación

- Relaves - vertederos estables y erosionable
- A lo largo del río - la descarga de relaves y sedimentos



Áreas de Compensación

- Servidumbre – Líneas Eléctricas, Tubería de Agua ...



Áreas de Compensación

- A lo largo de la carretera - mantenida por Barrick entre Wabag y Porgera

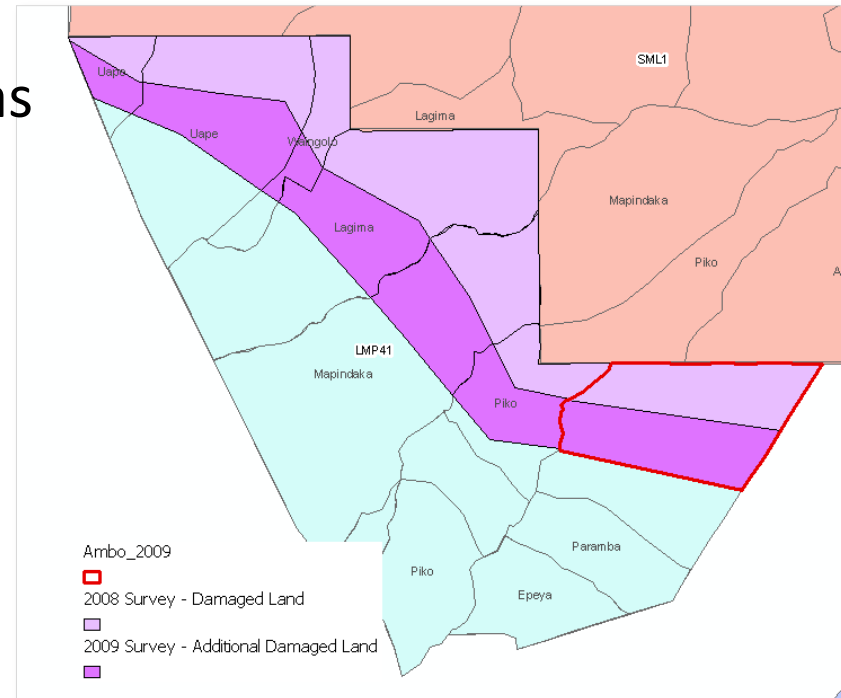


Informaciones para Registrar

- Quien hay sido compensado?
 - Pagos hechos para individuos, para clans o sub clans
 - Garantizar que las personas correctas son compensadas
- Porque han sido compensando y cuanto hay sido pagado?
 - Muchos tipos distintos de pagos
 - Distintos formulas de calculo para los pagos
- Ubicación espacial para cada compensación
 - Relacionado con los derechos mineros
 - Levantamiento topográfico de la área dañificada

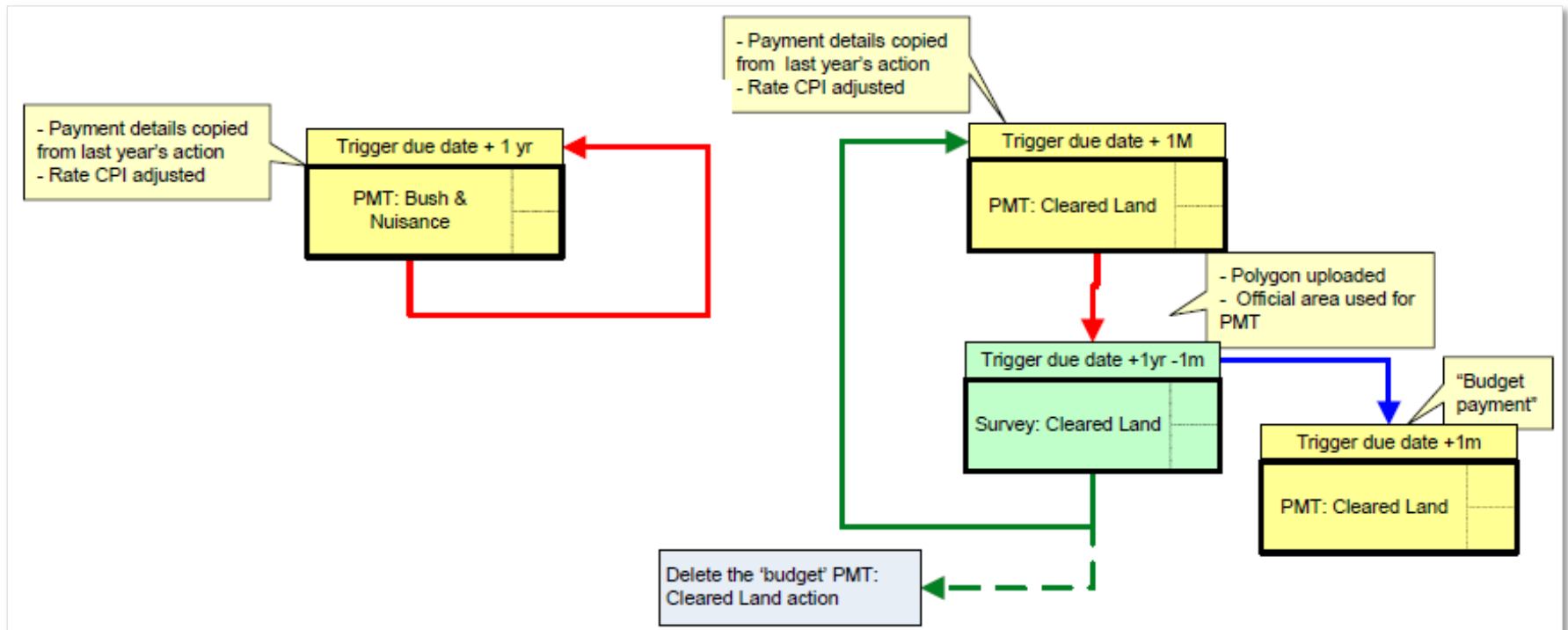
Tipos de Compensaciones

- Los pagos anuales obligatorios
 - Todas superficies que están dentro de los derechos mineros
 - Pago a los clans por la área por ellos ocupada
 - Pagos anuales por:
 - Ocupación/uso de las tierras
 - Tierras dañadas
 - Tierra perdida
 - Terrenos despejados
 - Perturbaciones



Tipos de Compensaciones

- Los pagos anuales obligatorios: Workflows



Tipos de Compensaciones

- Los pagos anuales obligatorios: Calculo de Pagos
 - Levantamiento anuales para determinar la extensión de las tierras dañadas, perdidas o despejado
 - Tasas de ajuste anual por la inflación (CPI)

General		Items	
There are 1 Payment Items in the list.			
Description	Quantities		Value
Damaged Land	2.8000 (Area (ha)) * 118.01 (Rate)	Round up to 0 decimals	331.00
Total			331.00

General		Items	
There are 1 Payment Items in the list.			
Description	Quantities		Value
Cleared Land	28.0200 (Area (ha)) * 40.75 (Rate)	Round up to 0 decimals	1,142.00
Total			1,142.00

Tipos de Compensaciones

- Compensación por Daños
 - Fuera del derechos
 - Solo compensado por una vez por la área
 - Daños causados por la empresa o por actividades de minería
 - Ejemplo: camiones de la empresa daña jardines al lado de la carretera
 - Workflows extendido para la gestión de todo el proceso: la queja, la investigación, la evaluación, el pago

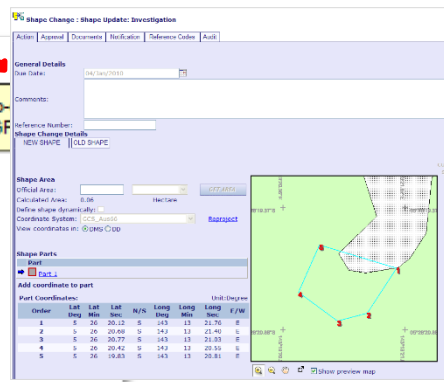


On completion of Adding a new Agreement

Agreement type = Compensation
 Agreement subtype = Complaint or Internal Request
 Status = Investigation
 Start Date: Date complaint received

Trigger Close Date + 7d
 Site Visit: Investigation

Trigger Close Date + 7d
 Shape Update: GPS



Restrictions: Check for overlaps with existing Comp Agmts

Trigger Close Date
 Shape Validation: GPS

- Update Agreement shape from Shape Validation Validation shape

Complaint Justified

Complaint Unjustified

Trigger Close Date + 2d
 Decision: Agree with Justified Recommendation?

Trigger Close Date + 2d
 Decision: Agree with Unjustified Recommendation?

Agree

Disagree

Disagree

Agree

LAND MANAGEMENT & RELOCATION DEPARTMENT
 GEOTECHNICAL REPORT REQUEST FORM BARRICK

To: _____ Geotechnical Department Agreement Code: GR15611
 From: _____
 Position: _____

Landowner: Peter Lutz
 Claim: Agricultural
 Sub-Claim: Traffic/Side Cut

Reference: D22
 Date: 10/04/2011
 Location: Kakandaka Hill
 Township: _____

Description of Location: Along Daga Highway, 150m section, lower side of road

Order	Latitude (S)	Longitude (E)
1	25.22	143.13
2	25.48	143.13
3	25.77	143.13
4	25.42	143.13
5	19.43	143.13

Agreement Shape:

Geo-Tech generated

Trigger Close Date + 2d
 Request: geo-Tech Report

Trigger Close Date + 1d
 Meeting: Decision Resolution

Proceed with Geo-Tech request

Complaint not justified

Trigger Close Date + 30d
 Site Visit: Geo-Tech

Trigger Close Date + 4d
 Review: Geo-Tech Report

Damage caused by company activities

Damage NOT caused by company activities

Trigger Close Date + 5d
 Notify: Complainant

- Update Agreement status to "Not Justified"
 - Update Agreement End Date

Porgera Joint Venture
MEMORANDUM

To: Cliff Meys - PJV Manager Lands and Relocation Date: 22/06/2011
 From: Andre Alipate Shr. Geotechnical Engineer (PJV) Phone: 4093
 REF: GR156-11
 Copy: PJV Geotechnical
 Subject: Wai Olepe - Kakandaka Landslips Pages: 4

1.0 INTRODUCTION
 This memorandum outlines the geotechnical assessment, observations and recommendations as requested by PJV's Land Management & Relocation (LMR) department for Geotechnical Request GR156/11.

Landowner Wai Olepe has continued to lay complaints with regards to damages to lands caused by landslips in the Kakandaka Village area (Figure 1). The landowner claims the landslips have been caused by mine related activity and road construction.

A site walkover was carried out by a geotechnical engineer accompanied by LMR field officers from PJV on 21/04/2011.

2.0 Observations
 Previous shallow landslips were observed during the site walk over at Kakandaka (Photos 1-3). It is understood that the landslips occurred in 2010 and had previously been inspected by a geotechnical engineer.

The shallow slips have occurred in colluvium soils which overlie weak, weathered and fissile mudstone which can be observed in road cuttings further upslope of the slips. The small failures are confined to narrow gully features which extend up slope from the road edge and act as drainage paths during rainfall periods. Water was observed to be flowing down on of these gully features and slip run out path.

Damaged observed is considered to be minor with limited failure debris and run out at an estimated area in the vicinity of 25-30m² has been affected.

The observed landslips are considered to be caused by natural processes and have not been triggered by mine related activity. They are more likely a function of saturation of erodible near surface soils on steep slopes due to heavy and prolonged rainfall. This is also coupled with de-vegetation of these steep slopes by occupants raising susceptibility to near surface/shallow failures of this nature.

3.0 Recommendations
 The landslips observed at Kakandaka Village are considered naturally occurring and are not related to mine activity or road construction in the area. Compensation of damages caused by landslips is not applicable in this case.

Tipos de Compensaciones

- **Compensación por Daños: Calculo de Pagos**
 - Levantamiento topografico para determinar la extensión del área dañada
 - Evaluación de la cantidad de vegetación / estructuras dañadas
 - Las tasas de compensación de los ítems son determinado por el gobierno

VALUER-GENERAL'S COMPENSATION SCHEDULE FOR TREES AND PLANTS, ALL REGIONS

Other Trees (Refer to Category B1)
Trees in Category B1 shall be assessed by mutual agreement between the parties concerned using the following guidelines:

- Seedlings: planted or seeded seedlings up to 6 months old.
- Small trees: those trees between seedling and bearing stage.
- Medium trees: those trees that have commenced to bear but are not fully mature.
- Mature trees: those trees in full bearing.

CATEGORIES OF PLANTS AND TREES

Category A - Commercial Crops
Commercial crops are trees and plants cultivated in specific areas for the purpose of cash income.

A1. Tree Crops

	Kina			
	Seedling	Small	Medium	Mature
Citrus Tree (Orange)	0.00	2.00	6.00	12.00
Citrus Tree (Mandarin)	0.00	2.00	6.00	12.00
Citrus Tree (Lemon)	0.30	1.00	3.00	8.00
Citrus Tree (Pineapple)	0.30	1.00	3.00	6.00
Cocoa Tree (Conventional)	1.50	4.00	8.00	18.00
Cocoa Tree (Hybrid)	2.00	5.00	12.00	24.00
Cocoa Tree (Budding)	3.00	6.00	12.00	25.00
Coconut Palm (Conventional)	2.00	5.00	12.00	24.00
Coconut Palm (Hybrid)	3.00	7.00	17.00	35.00
Coffee Tree (Conventional)	1.50	4.00	8.00	16.00
Coffee Tree (Hybrid)	2.00	5.00	10.00	20.00
Oil Palm	1.50	4.00	10.00	20.00
Rubber	1.00	3.00	6.00	15.00
Tea	0.30	1.00	2.50	5.00

Category B - Other Commonly Used Plants And Trees

B1. Single Plants and Trees

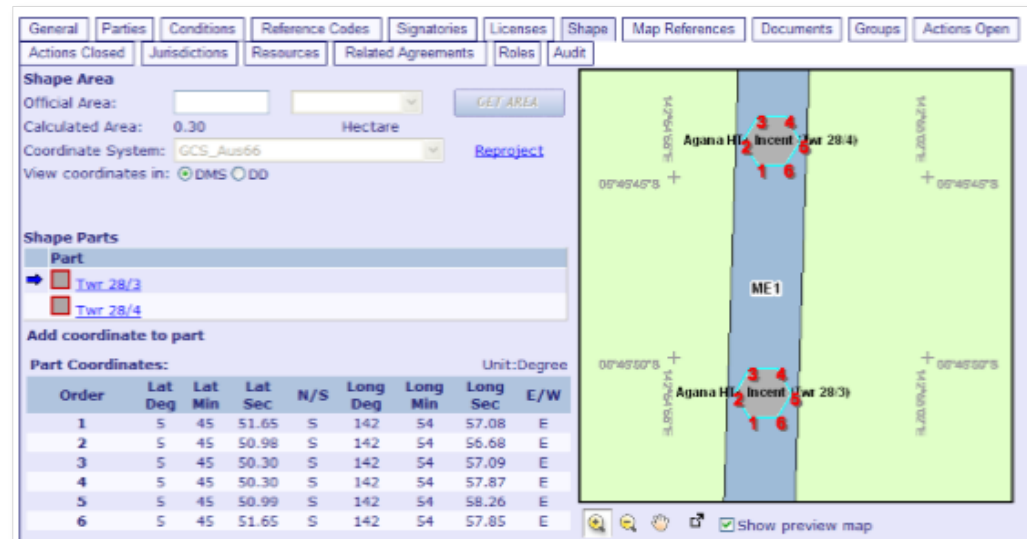
	Kina			
	Seedling	Small	Medium	Mature
Avocado (Butter)	0.30	1.00	3.00	6.00
Banana (All Species)	0.30	1.00	3.00	6.00
Berth-Nut (Lacca) Palm	2.00	3.00	10.00	20.00
Black Palm (Lambani)	0.60	2.00	4.50	9.00
Breadfruit Tree (Edible Fruit)	2.00	7.00	15.00	20.00
Breadfruit Tree (Kajuk - Edible Leaves)	1.00	3.00	6.00	9.00
Cashew Nut Tree (Kidney Shape Edible Nut)	0.50	2.00	4.00	12.00
Casuarina Tree	1.00	3.00	8.00	16.00
Cherry Tree (Small Soft Round Sweet-Fruit)	0.20	0.50	1.00	2.00
Chamara Tree (Ginyay Hard Brown Edible Fruit)	0.50	1.00	2.00	3.00
Contract Apple	0.10	0.20	0.80	2.00
Five Corner Tree	0.10	0.30	1.00	2.00
Flax (China - Rupa-Baling)	0.10	0.30	1.00	2.00

Notes:
 *Vanilla is planted as cuttings. The other size categories for vanilla are defined as follows:
 Small: A plant that has climbed its host tree (shade tree) to the first branch.
 Medium: A plant that has been pruned and is at a flowering stage.
 Mature: A plant at bearing stage.

General		Items
There are 8 Payment Items in the list.		
Description	Quantities	Value
Commercial Crops	400.00 (Amount)	Round up to 0 decimals 400.00
Other Commonly Used Plants & Trees	175.00 (Amount)	Round up to 0 decimals 175.00
Edible Plants	3,942.50 (Amount)	Round up to 0 decimals 3,943.00
Forest Trees	583.00 (Amount)	Round up to 0 decimals 583.00
Miscellaneous	0.00 (Amount)	Round up to 0 decimals 0.00
Man Made Structures	928.00 (Amount)	Round up to 0 decimals 928.00
Grave & Other Sites	0.00 (Amount)	Round up to 0 decimals 0.00
Per Hectare Valuations	0.00 (Amount)	Round up to 0 decimals 0.00
Total		6,029.00

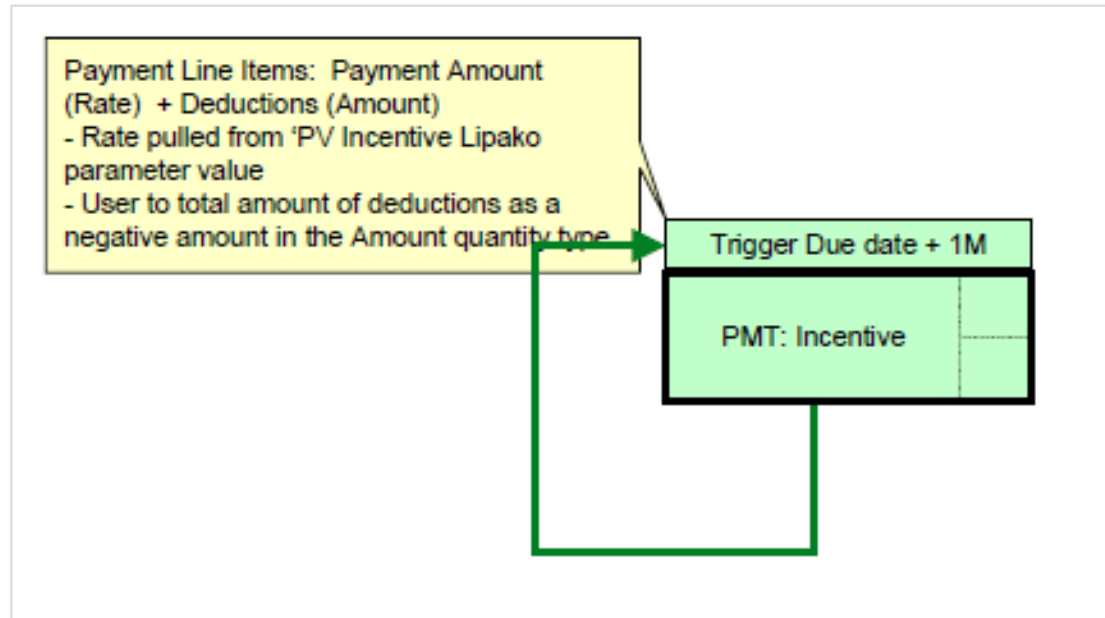
Tipos de Compensaciones

- Pagos por Incentivo
 - Incentivar a los propietarios para evitar daños y llevar a cabo tareas básicas de mantenimiento de instalaciones o bienes de la empresa
 - Torres líneas de alta tensión, estaciones de medición de calidad del agua a lo largo del río, estaciones repetidoras de radio



Tipos de Compensaciones

- Pagos Por Incentivo



Tipos de Compensaciones

- Pagos Por Incentivo: Calculo de Pagos
 - Anual, semestral, mensual
 - Ejemplo:
 - Tasa por torre
 - Deducciones por cada torre dañadas

General		Items	
There are 2 Payment Items in the list.			
Description	Quantities		Value
Payment Amount	983.00 (Rate) * 3 (No. Towers)	Round up to 0 decimals	2,949.00
Deductions	-983.00 (Deductions)	Round down to 0 decimals	-983.00
Total			1,966.00

Tipos de Compensaciones

- Impacto Ambiental
 - Compensación a los clans que tienen propiedades a lo largo del ríos
 - La pérdida de la terreno y del uso del río debido a los depósitos de sedimentos y la descarga de relaves

The screenshot displays a software interface with several tabs: General, Parties (13), Conditions (3), Shape, Map References (3), Documents, Licenses, Groups (4), and Actions Open (1). Below these are sub-tabs: Actions Closed (21), Roles (7), and Audit.

Shape Area

Official Area: 1,093.5000 Linear Meters

Calculated Area: 1.2333 Linear Meters

Define shape dynamically:

Coordinate System: GCS_Aus66

View coordinates in: DMS DD

Shape Parts

Part

→ Part 1

Add coordinate to part

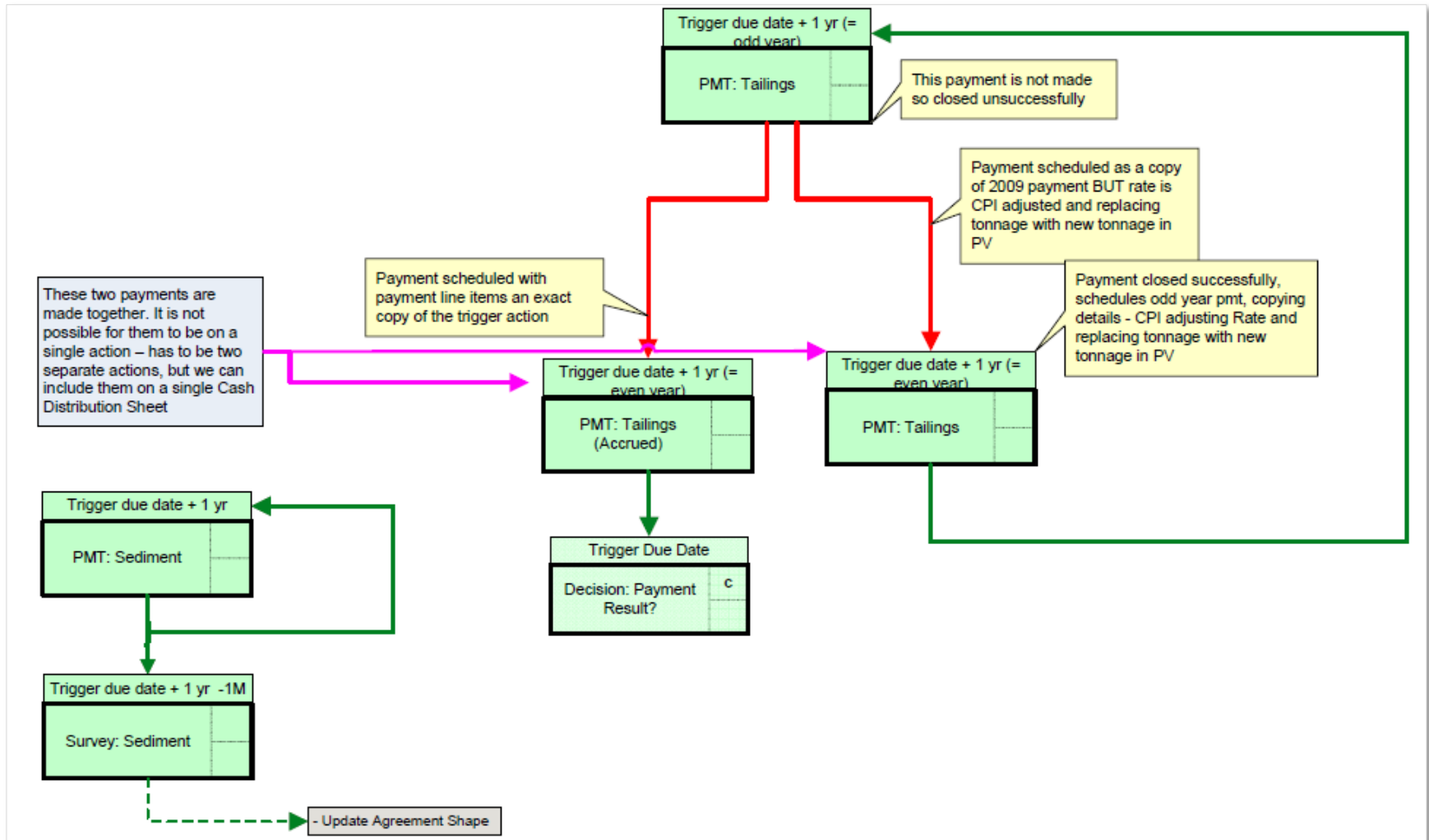
Part Coordinates: Unit: Degree

Order	Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
1	5	19	14.28	S	143	4	13.67	E
2	5	19	14.55	S	143	4	13.31	E
3	5	19	7.95	S	143	4	14.15	E
4	5	19	7.09	S	143	4	14.37	E
5	5	19	5.25	S	143	4	15.23	E
6	5	19	3.73	S	143	4	15.60	E
7	5	19	2.36	S	143	4	15.72	E
8	5	19	1.74	S	143	4	15.64	E
9	5	19	1.25	S	143	4	15.44	E

The right side of the interface shows a map with a blue line representing a shape. The line starts at a point with coordinates 05°18'41"S, 143°03'52"E and ends at 05°18'50"S, 143°04'02"E. The line is divided into several segments, with red numbers indicating distances: 340, 344, 248, 249, and 27. The map also shows a grid of coordinates and a 'Show preview map' checkbox at the bottom.

Tipos de Compensaciones

- Impacto Ambiental: workflows



Tipos de Compensaciones

- Impacto Ambiental: Calculo de los Pagos
 - Sedimento: levantamientos topográficos anuales para determinar el área de cobertura de sedimentos
 - Relaves: proporcional frente al río
 - Con base en el tonelaje total de relave liberados de las minas

General		Items	
There are 1 Payment Items in the list.			
Description	Quantities		Value
Payment Amount	$0.0389 \text{ (Rate)} * 0.005088 \text{ (Proportional Area)} * 501,960 \text{ (Total Tonnage)}$	Round up to 0 decimals	100.00
Total			100.00

Tipos de Compensaciones

- Reubicación
 - Workflows para la gestión completa de los procesos de reubicación
 - Elige entre opción de reubicación (la construcción de casas de reemplazo o la compra de los bienes inmuebles)
 - Ubicación de la nueva casa
 - Varios pagos: Alimentación hasta que el nuevo huerto establecido, el pago en el desarrollo de los huertos, subvención por la reubicación, materiales de construcción, etc.

Tipos de Compensaciones

- Reubicación: Calculo de Pagos
 - Cada Contrato de Reubicación tiene distintas montos/tasas
 - Los pagos en efectivo son una suma fija o una serie de pagos (por ejemplo, las alimentación pagadas por semana durante 12 semanas)

Parameter Value Name: **Relocation - New House Benefit (Building Materials or Increase Investment)**

General Input Types **Values**

There are 5 Outputs in the list. Extract:

1	Output
Relocation Agreement	
Anawe North (LMP 72) Relocation and Compensation (PNG00019)	7,000.000000000
Anawe South (LMP 77) Relocation and Compensation (PNG00018)	4,250.000000000

General **Items**

There are 1 Payment Items in the list.

Description	Quantities	Value
PMT: REL-Temporary Assistance Allowance	500.00 (Rate)	500.00
Total		500.00

General **Items**

There are 1 Payment Items in the list.

Description	Quantities	Value
PMT: REL-Garden Establishment	2,000.00 (Rate)	2,000.00
Total		2,000.00

En FlexiCadastre: Contratos

- General: Código único para Tipos de compensación, status, fechas aplicables



The screenshot shows the 'General' tab of a contract record in FlexiCadastre. The interface includes several tabs: General (selected), Parties (6), Conditions (1), Shape (1), Map References (3), Documents, Licenses (1), Groups (6), Actions Open (1), Actions Closed (7), Roles (7), and Audit. The form fields are as follows:

Code:	PNG01166 *	Responsible Office:	Porgera Mine
Name:	John Smith	Original stored at:	Porgera Mine
Type:	Compensation Agreement *	Sensitivity:	
Sub Type:	Damage	Signed Date:	
Status:	Paid Out	Start Date:	24/Feb/2011
Region:	Australia-Pacific	End Date:	03/Mar/2011
Archive:	<input type="checkbox"/>	Agreement Term:	8 Days

Summary: Compensation for landing site at Ipaimu during boundary line clearing

En FlexiCadaastre: Contratos

- Participantes: propietarios, beneficiarios, querellantes, etc.
- Configurados como Personas y Empresas

The screenshot shows the FlexiCadaastre interface. On the left is a vertical navigation menu with the following items: Home, Licenses, **Agreements** (circled in red), Project, Clan, Sub Clan, Area, Locality, Roles Management, Actions, Approvals, Maps, Reports, Documents, Companies, and People. A red arrow points from the 'Agreements' menu item to the main window. The main window has a top navigation bar with tabs: General, **Parties** (selected), Conditions (1), Shape (1), Map References (3), Documents, and Licenses (1). Below this are more tabs: Groups (6), Actions Open (1), Actions Closed (7), Roles (7), and Audit. A filter dropdown is set to '(All Interest Types)'. Below the filter, it says 'There are 6 Parties in the list.' and includes 'Extract:' and 'Tools:' icons. A table displays the following data:

All	Party Name	Code	Interest Type	Percent Interest
<input type="checkbox"/>	John Smith	PNG01166	Improvement Owner	100.00
<input type="checkbox"/>	John Smith	PNG01166	Payee	100.00
<input type="checkbox"/>	John Smith	PNG01166	Complainant	100.00
<input type="checkbox"/>	John Smith	PNG01166	Recipient	
<input type="checkbox"/>	Peter Woods	PNG01166	Recipient	
<input type="checkbox"/>	Porgera Joint Venture	PNG01166	Payor	100.00

En FlexiCadastre: Contratos

- Polígonos: Ubicación espacial para las áreas de compensación
- Coordenadas, Área, Mapa

The screenshot displays the FlexiCadastre software interface. On the left is a vertical navigation menu with the following items: Home, Licenses, **Agreements** (highlighted with a red circle), Project, Clan, Sub Clan, Area, Locality, Roles Management, Actions, Approvals, Maps, Reports, Documents, Companies, and People. An orange arrow points from the 'Agreements' menu item to the 'Shape' tab in the main window.

The main window has a top navigation bar with tabs: General, Parties (6), Conditions (1), **Shape**, Map References (3), Documents, Licenses (1), Groups (6), and Actions Open (1). Below this is a sub-bar with 'Actions Closed (7)', 'Roles (7)', and 'Audit'.

The 'Shape' tool configuration panel includes the following fields and controls:

- Shape Area**
- Official Area: 0.0141 Hectare (with a 'GET AREA' button)
- Calculated Area: 0.0141 Hectare
- Define shape dynamically:
- Coordinate System: GCS_Aus66
- View coordinates in: DMS DD

The 'Shape Parts' section shows a list of parts, with 'Part 1' selected. Below this is a table for 'Part Coordinates' with the following data:

Order	Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
1	5	26	15.40	S	143	4	0.25	E
2	5	26	15.20	S	143	4	0.71	E
3	5	26	15.30	S	143	4	0.90	E
4	5	26	15.69	S	143	4	0.51	E

The right side of the interface shows a map view of a yellow polygon with vertices numbered 1 through 4. A red line represents a road labeled 'Hwy: Kairik to Maip Boom Gate'. The map includes coordinate markers: 143°04'00.04"E and 143°04'01.00"E for longitude, and 6°15.00"S and 6°15.98"S for latitude.

En FlexiCadastre: Contratos

- Documentos: Formularios de evaluación, fotos, formularios de pago firmados, los informes de pago

- Home
- Licenses
- Agreements**
- Project
- Clan
- Sub Clan
- Area
- Locality
- Roles Management
- Actions
- Approvals
- Maps
- Reports
- Documents
- Companies
- People

General Parties (6) Conditions (1) Shape (1) Map References (3) **Documents** Licenses (1)

Groups (6) Actions Open (1) Actions Closed (7) Roles (7) Audit

Generate report:

There are 0 Documents associated with this agreement.

There are 8 Documents indirectly associated through actions Extract:

All	View	Title	Description	Document Type
<input type="checkbox"/>		67502 03/03/11		Payment: Payment Summary Report
<input type="checkbox"/>		67502030311		Payment: Payment Summary Report
<input type="checkbox"/>		Assessment	Helipad Landing site compensation at Ipaimu	Damage: Assessment Forms
<input type="checkbox"/>		CDS 67502		Payment: Cash Distribution Sheet
<input type="checkbox"/>		HelipadLasSole		Payment: Payment Summary Report
<input type="checkbox"/>		Las Sole Landing pad		Payment: Acquittal Documents
<input type="checkbox"/>		Old Kaiya LMP Helipads 008.jpg	Helipad Landing site at Ipaimu	Damage: Photo-Assessment Site Visit
<input type="checkbox"/>		Photo:Meeting Payout	Ipaimu Chopper Pad payment	Payment: Photo-Payout



En FlexiCadastre: Contratos

- Acciones: levantamientos topográficos, validaciones, pagos, visitas
- Acciones abiertas: Tareas o pagos que no completadas (=futuro)
- Acciones Cerradas: tareas y pagos completados (= historia)



General | Pa... (6) | Conditions (1) | Shape (1) | Map References (3) | Documents | Licenses (1) | Groups (6)

Actions Open (1) | **Actions Closed** | Roles (7) | Audit

Only show ALL | ALL | Hide Child Actions: | Due: ALL

Direct Actions

There are 7 actions in the list. Report: Extract: Tools:

All	Type	Status	Action	Reference Number	Comments	Completed
<input type="checkbox"/>		✓	Shape Update: Survey			25/Feb/2011
<input type="checkbox"/>		✓	Site Visit: Assessment	PNG01166	Chopper Landing site at Ipaimu	28/Feb/2011
<input type="checkbox"/>		✓	Decision: Payment Result? ((Decision: Fully Paid Out))			03/Mar/2011
<input type="checkbox"/>		✓	PMT: Damage Compensation (PGK 250.00)	67502	Paid on 3/03/11	03/Mar/2011
<input type="checkbox"/>		✓	Decision: Payment Result? ((Decision: Fully Paid Out))			08/Apr/2011
<input type="checkbox"/>		✓	Submit: Acquittal			08/Apr/2011
<input type="checkbox"/>		✓	Submit: Acquittal			27/Apr/2011

En FlexiCadaastre: Acciones

- Pagos: registros del beneficiario, fecha de pago, los cálculos de pago, total pagado, código contable

Payment : PMT: Damage Compensation

Action | Approval | Checklist | Documents | User Notifications | Reference Codes | Audit

General Details

Due Date: 06/Feb/2013
Accounting Code: 17581.461
Reference Number: 70170

Payment Details

Direction: Outgoing
Paid By: Porgera Joint Venture
Paid To: John Smith
Payment Period: From: To:
Include Tax Information:
Round Budget Amount:

Items

There are 8 Payment Items in the list.

Description	Quantities		Value
Commercial Crops	0.00 (Amount)	Round up to 0 decimals	0.00
Other Commonly Used Plants & Trees	367.20 (Amount)	Round up to 0 decimals	368.00
Edible Plants	1,563.50 (Amount)	Round up to 0 decimals	1,564.00
Forest Trees	0.00 (Amount)	Round up to 0 decimals	0.00
Miscellaneous	0.00 (Amount)	Round up to 0 decimals	0.00
Man Made Structures	0.00 (Amount)	Round up to 0 decimals	0.00
Grave & Other Sites	0.00 (Amount)	Round up to 0 decimals	0.00
Per Hectare Valuations	0.00 (Amount)	Round up to 0 decimals	0.00
Total			1,932.00

En FlexiCadastre: Acciones

- Validacion Espacial: verificación si hay superposición con el áreas previamente compensadas

The screenshot displays the FlexiCadastre web application interface. On the left is a vertical navigation menu with the following items: Home, Licenses, Agreements, Project, Clan, Sub Clan, Area, Locality, Roles Management, **Actions** (highlighted with a red circle and a red arrow), Approvals, Maps, Reports, Documents, Companies, and People.

The main content area shows the 'Action' page with the following details:

- General Details:** Due Date: 01/May/2011. Comments: The area has an overlap into the other paid area. Part of the area has been paid.
- Shape Validation Details:** Validation Result tab is active. A message states: "The validation shape is: Invalid" and "Shape overlaps 2 agreements".
- Table:** The validation shape overlaps 2 agreements.

Code	Name	Type	Sub Type	Status	Overlap	
1231/95	Mungulama	Compensation Agreement	Improvement	Paid Out	0.0002 Ha	highlight
1311/05	Philip Pipia	Compensation Agreement	Improvement	Paid Out	0.0510 Ha	highlight

The map on the right shows a yellow polygon (Validation Shape) overlapping a blue hatched polygon (Result Shape). The overlapping area is shaded with a red grid pattern (Overlaps or Problem Areas). The map legend at the bottom right identifies these symbols: Validation Shape (yellow), Result Shape (blue hatched), and Overlaps or Problem Areas (red grid).

En FlexiCadastre: Acciones

- Levantamientos topográficos: Levantamientos anuales de depósitos de sedimentos y terrenos dañados / perdidos/ despejado

The screenshot displays the FlexiCadastre software interface. On the left, a vertical navigation menu lists various options, with 'Actions' highlighted in red and circled. A red arrow points from this menu item to the main survey form. The main form is titled 'Survey : Survey: Sediment' and contains several sections:

- Action** tabs: Approval, Documents, User Notifications, Reference Codes, Work Accounts, Audit.
- General Details** section: Surveyor: [input field]
- SURVEYED SHAPE** / **EXISTING SHAPE** tabs.
- Shape Area** section: Official Area: 9.3305 Hectare, Calculated Area: 9.3305 Hectare, Coordinate System: GCS_Aus66, View coordinates in: DMS (selected) / DD.
- Shape Parts** section: Part 1 (selected).
- Part Coordinates** table (Unit: Degree):

Order	Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
1	5	26	33.92	S	143	5	43.75	E
2	5	26	33.66	S	143	5	43.21	E
3	5	26	30.95	S	143	5	42.91	E
4	5	26	29.30	S	143	5	43.83	E
5	5	26	27.21	S	143	5	45.00	E
6	5	26	26.93	S	143	5	45.08	E
7	5	26	24.31	S	143	5	45.77	E
8	5	26	23.99	S	143	5	45.48	E
9	5	26	24.31	S	143	5	46.79	E
10	5	26	24.79	S	143	5	47.64	E

On the right, a map shows a polygonal shape with vertices numbered 1 through 32. The map includes coordinate markers and a 'Show preview map' checkbox at the bottom.

En FlexiCadaastre: Grupos

- Clans y Sub Clans: Relacionamiento entre cada uno



Group Name: **Agana Clan**

General Parties (1) Shape Map References Reference Codes Agreements (16)

Related Groups Actions Open Actions Closed Roles Audit

Show Only: (leave blank for all)

There are 6 Related groups in the list. Extract:

All	Name. ▼	Group Type	Code	Status	Licenses	Agreements	Relationship
<input type="checkbox"/>	Tege Sub Clan	Sub Clan	Tege Sub Clan		0	0	
<input type="checkbox"/>	Kuri Sub Clan	Sub Clan	Kuri Sub Clan		0	1	
<input type="checkbox"/>	Jebe Sub Clan	Sub Clan	Jebe Sub Clan		0	0	
<input type="checkbox"/>	Garuli Sub Clan	Sub Clan	Garuli Sub Clan		0	0	
<input type="checkbox"/>	Dapaliyta Sub Clan	Sub Clan	Dapaliyta Sub Clan		0	0	
<input type="checkbox"/>	Agana/Unknown Sub Clan	Sub Clan	Agana/Unknown Sub Clan		0	11	

En FlexiCadaastre: Grupos

- Clans y Sub Clans:
 - Contratos firmados directamente con los clanes
 - Los contratos celebrados con personas individuales en cada clan

The screenshot displays the FlexiCadaastre web application interface. On the left is a vertical navigation menu with the following items: Home, Licenses, Agreements, Project, **Clan** (highlighted with a red circle), Sub Clan, Area, Locality, Roles Management, Actions, Approvals, Maps, Reports, Documents, Companies, and People. An orange arrow points from the 'Clan' menu item to the main content area.

The main content area shows the details for the 'Agana Clan'. At the top, it says 'Group Name: Agana Clan'. Below this are several tabs: General, Parties (1), Shape, Map References, Reference Codes, Agreements (selected), Related Groups (6), Actions Open, Actions Closed, Roles, and Audit. Below the tabs, it states 'There are 16 Agreements associated with this group.' and includes a 'Report:' section with icons for View, Extract, and Tools.

Below the report section is a table with the following columns: All, Map, Code, Name, Sub Type, and Status. The table contains the following data:

All	Map	Code	Name	Sub Type	Status
<input type="checkbox"/>		PNG00497	HTL (Twr 28/2,28/3,28/4,29/1) Agana	Statutory	Claim
<input type="checkbox"/>		PNG00325	HTL (Twr 29/1) Agana Incentive Agreement	Incentive	Formal Agreement
<input type="checkbox"/>		PNG00324	HTL (Twr 28/4) Agana Incentive Agreement	Incentive	Formal Agreement
<input type="checkbox"/>		PNG00323	HTL (Twr 28/3) Agana Incentive Agreement	Incentive	Formal Agreement
<input type="checkbox"/>		PNG00322	HTL (Twr 28/2) Agana Incentive Agreement	Incentive	Formal Agreement
<input type="checkbox"/>		1769/90	Tagoba Karipe	Improvement	Paid Out
<input type="checkbox"/>		1694/90	Mogola Lalu & Others	Improvement	Paid Out
<input type="checkbox"/>		1273/03	Erabu Habe	Improvement	Paid Out

En FlexiCadastre: Reportes

- Reportes personalizados para pagos y contabilidad
 - Ejemplo: Formularios de pago, Reportes de reubicación ...

BARRICK Relocation Projects - Summary
All Relocation Agreements

House ID	Eligible for Options in AVE	Option Forms Distributed	Option Forms Received	Managed Fund	Real Estate	Relocation House	Other	Permanently Relocated	Ration Payments Commenced	Ration Payments Finished	Relocation Completed	Relocation In Dispute Or Refused
Project: Anae North LMP (1784)												
Anae North AN223 (Cat 1) Nsi Apakali	X								X		X	
Anae North AN237 (Cat 1) Eyan Yambu	X								X		X	
Anae North AN403 (Cat 1) Golema Yambu	X								X		X	
Anae North AN073 (Cat 2) Wiripage Tukali	X								X		X	
Anae North AN060 (Cat 2) Lupaya Kara (Deceased)	X											
Tariboa Kara												
Anae North AN110 (Cat 1) Marki Mina	X								X		X	
Anae North AN212a (Cat 0) Angalo Kura	X								X		X	
Anae North AN212b (Cat 0) Wango Eno	X								X		X	
Anae North AN213 (Cat 0) Simon Andiee	X								X		X	
Total for project: Anae North LMP (1784)	9	0	0	0	0	0	0	0	6	0	8	0
Project: Anae South LMP (1785)												
Anae South A5005 (Cat 2) Kalalo Kapema Family	X	X	X	X					X			
Anae South A5005 (Cat 2) Lowani Ayewe	X								X			
Anae South A5011 (Cat 2) Lowalawa												
Anae South A5016 (Cat 0) Ben Yang												
Anae South A5018 (Cat 2) Golema Pi												
Anae South A5019 (Cat 2) Josany T.												
Anae South A5026 (Cat 2) Lawrence												
Anae South A5029 (Cat 2) Michael A.												
Anae South A5058 (Cat 2) Parema K												
Anae South A5090 (Cat 1) Siapa Min												
Anae South A5102 (Cat 1) Perale Ka												
Anae South A5114 (Cat 2) Kivae Pi												
Anae South A5116 (Cat 2) Piawin Lei												
Anae South A5118 (Cat 2) Angale Le												
Anae South A5125 (Cat 2) Neor Sop												
Anae South A5131 (Cat 2) Ininjin Pi												
Anae South A5134 (Cat 2) Kangile F												
Anae South A5154 (Cat 2) Tula Nao												
Anae South A5161 (Cat 2) Pare Ayee												

BARRICK Cash Distribution Sheet

Agreement Name: HTL (124,141) Hwa/Hwa Agreement Code: PNG05013
 Related Tenements: Hwa Transmission Line (ME 1) Agreement Area (ha): 4.20
 Project: Progo Hwa Area: Hwa Transmission Line Locality: HTL, Taiti Site

Class: Hwa Clan Sub Class: Hwa Sub Clan CPA No:

Payment Type	Payment Period Start Date	Payment Period End Date	Previous Payment Rate (Kina)	CPI	This Payment Rate (Kina)	Area (ha)	Vol. Towed	Amount (Kina)
Annual Grant	28/02/2013	27/02/2013	1,253.91	0.00%	1,253.91	4.2000		4,967.70
Interest Amount	28/02/2013	27/02/2013	507.36	0.00%	507.36		2	1,014.70
Small Holder Allowance	28/02/2013	27/02/2013	95.24	0.00%	95.24	0.0000		0.00
TOTAL AMOUNT								6,982.40

We the undersigned Payee or its designated Agent(s) or Representative(s) hereby acknowledge receipt of K5 283.00 for the payment(s) shown above.

NAME	SIGNATURE	AMOUNT

DATE PAID: TOTAL CASH PAID: K
 TOTAL CASH RECEIVED FOR CLAIM: K
 DATE CASH RETURNED: CASH RETURNED RECEIPT NO: CASH RETURNED TO CASHIER: K

COMMENTS

PAYING OFFICER: I confirm that the amount(s) listed above were paid to the person(s) identified by the CIO.
 NAME: SIGNATURE:

BARRICK Cash Payment Advances - Outstanding for Acquittal - Summary

CPA Number	Agreement Code	Agreement Name	Area	Agreement Sub Type	CPA Amount (Kina)	Date Acquittal Due	Responsible Team
70526	PNG01487	Lower Apalaka AP014 (Cat 1) SML		Relocation	5,000.00	17/Apr/2013	LMR Team 1
70526	PNG01532	Lower Apalaka AP059 (Cat 1) SML		Relocation	5,000.00	17/Apr/2013	LMR Team 1
70526	PNG01541	Lower Apalaka AP068 (Cat 1) SML		Relocation	5,000.00	17/Apr/2013	LMR Team 1
70526	PNG01572	Lower Apalaka AP099 (Cat 1) SML		Relocation	5,000.00	17/Apr/2013	LMR Team 1
Total for CPA: 70526					K20,000.00		
70825	PNG00039	Gravel Pit: Paindako (Kioemate)	Enga Highway	Gravel Pit	355.00	30/Mar/2013	LMR Team 2
70825							
Total for							

BARRICK Land Allowance Assessment Form

Anave North - Steven Sandulu (PNG03358) - Mamai Clan - Andapo Sub Clan

Official Area: 0.4520 Ha
 Valuation Amount: 4 735.00 Kina

Code	Improvement Owner	Improvement Agreement		Claim Value (Kina)	Area (ha)	Land Allowance	
		Clan	Sub Clan			Rate (Kina/ha)	Amount (Kina)
0932/00	Bilon Buka	Mamai Clan	Kenje Sub Clan	2,850.00	0.1100	9,000.00	990.00
0934/00	Mawa Sandulu	Mamai Clan	Andapo Sub Clan	4,900.00	0.1600	9,000.00	1,440.00
0938/00	Siapu Sandulu	Mamai Clan	Andapo Sub Clan	2,750.00	0.1100	9,000.00	990.00
0938/00	Siapu Sandulu	Mamai Clan	Andapo Sub Clan	2,750.00	0.1100	9,000.00	990.00
0933/00	Steven Bilon	Mamai Clan	Andapo Sub Clan	2,080.00	0.0800	9,000.00	720.00
Total				9,970.00			5,130.00

Team Leader: Name _____ Signature _____ Date _____
 28/Feb/ GIS: Name _____ Signature _____ Date _____
 Superintendent: Name _____ Signature _____ Date _____
 LMR Manager: Name _____ Signature _____ Date _____

Comments from the Land Allowance Agreement:
 The land allowance was paid already with cheque as shown from information derived from the Finance Section. Cheque number: 9705

28/Feb/2013 Barrick PNG Page 1 of 1

- Home
- Licenses
- Agreements
- Project
- Clan
- Sub Clan
- Actions
- Approvals
- Maps
- Reports**
- Documents
- Companies
- People

Hemos tenido éxito en la gestión quien ha sido compensado?

- Búsqueda completa de todas las personas, clanes / sub clanes que han sido compensadas

Search

Home Licenses Agreements Project Clan Sub Clan Actions Approvals Maps Reports Documents Companies People

People > Search Clear Search Criteria

Surname: First Name: Include Archived: **SEARCH**

Nationality: Company:

Region: Position: Saved Search:

There are 5 People in the list. Report: Extract: Tools:

All	Surname ▼	First Name(s)	Comment	Agreements
<input type="checkbox"/>	Smith	John	John Smith is a member of the Tuki sub clan	1
<input type="checkbox"/>	Smith	Tom	This name is put in as as test only	0
<input type="checkbox"/>	Smith	Dick	Dick Smith claim for landslip damage at Yarik	0
<input type="checkbox"/>	Smith	Anna		1
<input type="checkbox"/>	Smith	Benjamin		1

1

Hemos tenido éxito en la gestión quien ha sido compensado?

- Fotos cargadas para identificar a las personas y los registros de pagos recibidos
- Formularios con las firmas de registros de pago



Occupation Fee	Payment Amount	37/Feb/2010	28/Feb/2011	5.00	0.00%	5.00	21.39			107.89
									TOTAL AMOUNT: K	2,068.00
We the undersigned Payee or its designated Agent(s) or Representative(s) hereby acknowledge receipt of K2,068.00 for the payment(s) shown above.										
NAME		SIGNATURE				AMOUNT				
Pikaa Kale		<i>[Signature]</i>				690.00				
Parebu Lari		<i>[Signature]</i>				690.00				
Tee Pablu		<i>[Signature]</i>				688.00				
Saki Kale		<i>(Deceased & replaced by Pikaa Kale)</i>								
DATE PAID:		14/April/2011				TOTAL CASH PAID: K		2,068.00		
						TOTAL CASH RECEIVED FOR CLAIM: K		2,068.00		
DATE CASH RETURNED:		CASH RETURNED RECEIPT NO:				CASH RETURNED TO CASHIER: K		-		

Hemos tenido éxito en la gestión quien ha sido compensado?

- Nombre de la persona, clan/sub clan en el contrato y en las acciones de pago
- Fácil de ubicar desde la pagina de búsqueda de Contrato/Acciones

Actions > Search Clear Search Criteria

Code: Jurisdiction: Status:
Name: Type Group: Result:
Party: Type: Saved Searches:

Payment Specific

Direction:

Paid By:

Paid To:

Receipt Number:

Currency:

Budget Amount: Min Max
Actual Amount: Min Max

Search returned 1 results Report: View: Extract: Tools:

1

All	Type	Status	Code	Action	Comments	Completed	Actual Paid Amount To
<input type="checkbox"/>			PNG03649	PMT: Damage Compensation (PGK 1,932.00 To John Smith)	(TH) Fair assessment done. 24/Jan/2013 [LL]: Paid out on the 21/Jan/2013 by Luke Lange (Lands Officer) and witnessed by Karap Yuwi (CRO).	21/Jan/2013	PGK John 1,932.00 Smith

Hemos tenido éxito en la gestión quien ha
sido compensado?

Verdadero!

Hemos tenido éxito en el manejo de qué y cuánto se ha compensado?

- La información detallada sobre las acciones de pago
- Estructura de pago flexible
- Cálculos de pago complejos

General **Items**

There are 5 Payment Items in the list.

Description	Quantities	Value
Occupation Fee	20.00 (Amount)	20.00
Lost Land	835.00 (Amount)	835.00
Cleared Land	0.00 (Amount)	0.00
Bush and Nuisance	213.00 (Amount)	213.00
Damaged Land	0.00 (Amount)	0.00
Total		1,068.00

General **Items**

There are 2 Payment Items in the list.

Description	Quantities	Value
Payment Amount	983.00 (Rate) * 3 (No. Towers)	2,949.00
Deductions	-983.00 (Deductions)	-983.00
Total		1,966.00

Hemos tenido éxito en el manejo de qué y cuánto se ha compensado?

- Formularios de Evaluación con las informaciones detalladas
- Formularios de pago cargados muestran la estructura de pago

Microsoft Excel - Field_Assessment_Form_Example_Test_copy_09-08-15.xls(1).xls

File Edit View Insert Format Tools Data Window Help Adobe PDF

100%

LAND MANAGEMENT & RELOCATION SECTION

ASSESSMENT FORM

PORGERA JOINT VENTURE

BARRICK

Agreement Code: Land Officer Name: Preparation of this Form Date of Assessment:

Item	Seedling			Small			Medium			Mature		
	Rate	Count	Amount	Rate	Count	Amount	Rate	Count	Amount	Rate	Count	Amount
A1. Tree Crops - Commercial Only	Rates are for trees completely destroyed											
11 Citrus Tree (orange)	0.60	0.00	0.00	2.00	0.00	0.00	6.00	0.00	0.00	12.00	0.00	0.00
12 Citrus Tree (mandarin)	0.60	0.00	0.00	2.00	0.00	0.00	6.00	0.00	0.00	12.00	0.00	0.00
13 Citrus Tree (lemon)	0.30	5.00	1.50	1.00	5.00	5.00	3.00	0.00	0.00	8.00	0.00	0.00
14 Coffee Tree (conventional)	1.50	0.00	0.00	4.00	0.00	0.00	8.00	0.00	0.00	16.00	0.00	0.00
15 Coffee Tree (hybrid)	2.00	0.00	0.00	5.00	0.00	0.00	10.00	0.00	0.00	20.00	0.00	0.00
16		1.50			5.00			0.00		0.00		0.00
A2. Spices - Commercial												
18 Birds Eye Chili	-	-	-	0.20	0.00	0.00	0.50	0.00	0.00	1.00	0.00	0.00
19 Cardamom (split)	0.60	0.00	0.00	2.00	0.00	0.00	5.00	0.00	0.00	10.00	0.00	0.00
20 Ginger (clump)	-	-	-	0.10	0.00	0.00	0.30	5.00	1.50	0.50	0.00	0.00
21 Vanilla	1.50	4.00	6.00	4.00	0.00	0.00	8.00	0.00	0.00	15.00	0.00	0.00
22			6.00			0.00			1.50			0.00
23 Total Commercial Crops	14.00		7.50		5.00			1.50		0.00		0.00
B1. Single Plants & Trees	Up to 6 months old Only to be counted if hand planted or tended											
24												
25 Avocado (butter)	0.30	0.00	0.00	1.00	2.00	2.00	3.00	0.00	0.00	6.00	1.00	6.00
26 Banana (all species) (single tree)	0.30	0.00	0.00	1.20	0.00	0.00	4.00	0.00	0.00	8.00	0.00	0.00
27 Black Palm (Limbung)	0.60	0.00	0.00	2.00	0.00	0.00	4.50	0.00	0.00	8.00	0.00	0.00

BARRICK Cash Distribution Sheet

Agreement Name: HTL (Twr None - adjacent to Tower 38/4.3) Gowi/Peke						Agreement Code: PWG00574			
Related Tenements: Hides Transmission Line (ME 1)						Agreement Area (ha): 1.65			
Project: Porgera Mine			Area: Hides Transmission Line			Locality: HTL: Tari Side			
Clan: Gowi Clan						Sub Clan: Peke Sub Clan			
Payees: Peke Sub Clan						CPA No:			
Payment Details									
PAYMENT TYPE	PAYMENT PERIOD START DATE	PAYMENT PERIOD END DATE	PREVIOUS PAYMENT RATE (Kina)	CPI	THIS PAYMENT RATE (Kina)	AREA (HA)	NO. TOWERS	AMOUNT (Kina)	
Bush & Nuisance:									
Payment Amount	18/Feb/2010	17/Feb/2011	47.43	7.20%	50.84	1.65			84.00
Cleared Land:									
Payment Amount	18/Feb/2010	17/Feb/2011	35.56	7.20%	38.12	1.65			63.00
Lost Land:									
Payment Amount	18/Feb/2010	17/Feb/2011	186.06	7.20%	199.46	0.00			0.00
Occupation Fee:									
Payment Amount	18/Feb/2010	17/Feb/2011	5.00	0.00%	5.00	1.65			9.00
Security Fee (Other):									
Payment Amount	18/Feb/2010	17/Feb/2011	443.26	7.20%	475.17		0		0.00
TOTAL AMOUNT: K									156.00

Hemos tenido éxito en el manejo de qué y cuánto se ha compensado?

- Búsquedas y reporte avanzados de Pagos

Actions > Search

Code: Jurisdiction:

Name: Type Group: **Payment** Status:

Party: Type: **PMT: Incentive** Result:

Absolute Dates Relative Dates Filter using another search:

From: To:

Created:

Due:

Closed: 01/jan/2011 31/dec/2011

Payment Specific

Direction:

Paid By:

Paid To:

Budget Amount: Min Max

Actual Amount: Min Max

All Incentive payments made in 2011

Associated Object Type	Associated Object	Status	Action	Summary	Due Date	Closed Date	Paid By	Paid To	Direction	Budget Amount	Actual Amount
Agreement (Incentive)	Gauging Station: Land Located on the Ok-Chi (Ok-Chi Land) Incentive Agreement (P#021470)	Formal Agreement	PMT: Incentive (PGK 0.00 to Yukapai Clan)		31/Jul/2011	26/Aug/2011	Furges Joint Venture	Yukapai Clan	Outgoing	1 207.00 PGK	0.00 PGK
<small>Receipted back to Finance. Will pay together with the 3rd Quarter payments.</small>											
Agreement (Incentive)	HTL (Tier 16/17) Tigra Incentive Agreement (P#020478)	Formal Agreement	PMT: Incentive (PGK 1,076.00 to Tigra Clan)		30/Sep/2011	06/Oct/2011	Furges Joint Venture	Tigra Clan	Outgoing	1 076.00 PGK	1 076.00 PGK
<small>Payment done successfully. Refer to CGS for payment details.</small>											
Agreement (Incentive)	HTL (Tier 4/5/2) Gowl 2 Incentive Agreement (P#020582)	Formal Agreement	PMT: Incentive (PGK 963.00 to Gowl 2 Clan)		31/Mar/2011	26/Feb/2011	Furges Joint Venture	Gowl 2 Clan	Outgoing	963.00 PGK	963.00 PGK
<small>Payment to be executed by Percy and Luke Lange. 04/02/11: Payment done by Percy Rodney and Luke Lange from 22-27 Feb 2011.</small>											
Agreement (Incentive)	HTL (Tier 12/13/17) Huel/Hige Incentive Agreement (P#020409)	Formal Agreement	PMT: Incentive (PGK 0.00 to Huel/Hige Sub Clan)		30/Sep/2011	31/Oct/2011	Furges Joint Venture	Huel/Hige Sub Clan	Outgoing	2 155.00 PGK	0.00 PGK
<small>Payment disputed thus monies returned.</small>											
Agreement (Incentive)	HTL (Tier 24/2) Gowl Incentive Agreement (P#020577)	Formal Agreement	PMT: Incentive (PGK 1,076.00 to Gowl Clan)		30/Sep/2011	02/Oct/2011	Furges Joint Venture	Gowl Clan	Outgoing	1 076.00 PGK	1 076.00 PGK
<small>Payment done successfully. Refer to CGS for payment details.</small>											
Agreement (Incentive)	Gauging Station: Land Located Downstream of Programa Sidge (Program Land) Incentive Agreement (P#020322)	Formal Agreement	PMT: Incentive (PGK 2,573.00 to Pakapu Sub Clan)		31/Mar/2011	14/Dec/2011	Furges Joint Venture	Pakapu Sub Clan	Outgoing	2 573.00 PGK	2 573.00 PGK
Agreement (Incentive)	HTL (Tier 24/2) Kur 2 Incentive Agreement (P#020422)	Formal Agreement	PMT: Incentive (PGK 1,076.00 to Kur 2 Clan)		30/Sep/2011	07/Oct/2011	Furges Joint Venture	Kur 2 Clan	Outgoing	1 076.00 PGK	1 076.00 PGK
<small>Payment done successfully. Refer to CGS for payment details.</small>											
Agreement (Incentive)	HTL (Tier 4/5/1) Gowl 2 Incentive Agreement (P#020585)	Formal Agreement	PMT: Incentive (PGK 963.00 to Gowl 2 Clan)		31/Mar/2011	26/Feb/2011	Furges Joint Venture	Gowl 2 Clan	Outgoing	963.00 PGK	963.00 PGK
<small>Payment to be executed by Percy and Luke Lange. 04/02/11: Payment done by Percy Rodney and Luke Lange from 22-27 Feb 2011.</small>											

25/Feb/2013 Page 1 of 54

Payment summary:

Kina	Budget 661,193.00	Actual 625,617.00
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Search returned 427 results Report: View: Extract: Tools:

1 2 3 4 5

All	Type	Status	Code	Name	Action	Comments	Completed	Actual Amount	Paid To
						Paid under claim number 0063/11			

Hemos tenido éxito en la gestión de los aspectos espaciales de la indemnización?

- Polígonos en Contratos e Acciones
- Coordenadas, Sistemas de Coordenadas y áreas registrados
- Área del polígono usadas en algunas acciones de pago

The screenshot displays a GIS application interface. The main window shows a map of a region with various land parcels, including LMP 72, LMP 3, LMP 77, and LMP 72. A red polygon is highlighted on the map, representing a specific land parcel. The interface includes a 'Shape Change Details' window, a 'Shape Area' window, and a 'Part Coordinates' table.

Shape Change Details

NEW SHAPE | OLD SHAPE

Shape Area
Official Area: 0.0780 Hectare [GET AREA]

Calculated Area: 0.0780 Hectare
Coordinate System: GCS_Aus66
Units: DMS DD

Shape Area

Official Area: [] Hectare [GET AREA]

Calculated Area: 1.0384 Hectare
Define shape dynamically:
Coordinate System: GCS_Aus66
View coordinates in: DMS DD

Shape Parts

Part 1
Part 2
Part 3

Add coordinate to part

Part Coordinates: Unit: Degree

Order	Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
1	5	28	1.60	S	143	7	56.36	E
2	5	28	1.90	S	143	7	55.51	E
3	5	28	2.09	S	143	7	55.05	E
4	5	28	2.26	S	143	7	54.66	E
5	5	28	2.24	S	143	7	54.08	E
6	5	28	2.19	S	143	7	53.86	E
7	5	28	1.95	S	143	7	53.63	E

to part

es: Unit: Degree

Lat Deg	Lat Min	Lat Sec	N/S	Long Deg	Long Min	Long Sec	E/W
5	27	28.85	S	143	7	0.49	E
5	27	27.58	S	143	7	0.49	E
5	27	27.61	S	143	7	1.17	E
5	27	28.57	S	143	7	1.19	E
5	27	28.87	S	143	7	0.80	E

Map

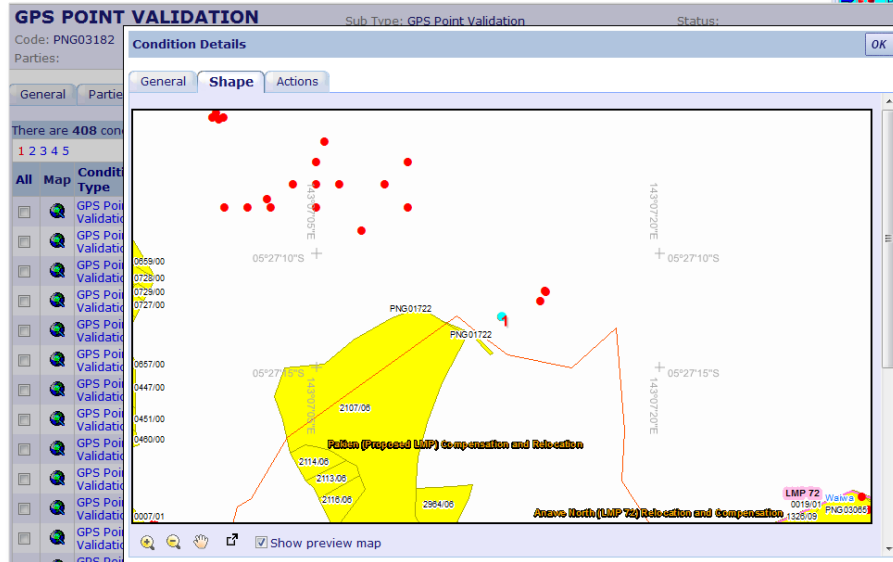
The map shows a region with various land parcels, including LMP 72, LMP 3, LMP 77, and LMP 72. A red polygon is highlighted on the map, representing a specific land parcel. The map also shows a road network and a river.

Inset Map

The inset map shows a detailed view of a specific land parcel, LMPA (Pakem), with a green hatched area. The map also shows a road network and a river.

Hemos tenido éxito en la gestión de los aspectos espaciales de la indemnización?

- Validación Espacial usando las acciones
- Validación de puntos de GPS visualmente usando los mapas



Shape Validation Details

Validation Result Validation Shape Comparison Shape Result Shape Validation Shape Configuration Result Shape Configuration

Validation has been run

RUN VALIDATION

The validation shape is: Invalid

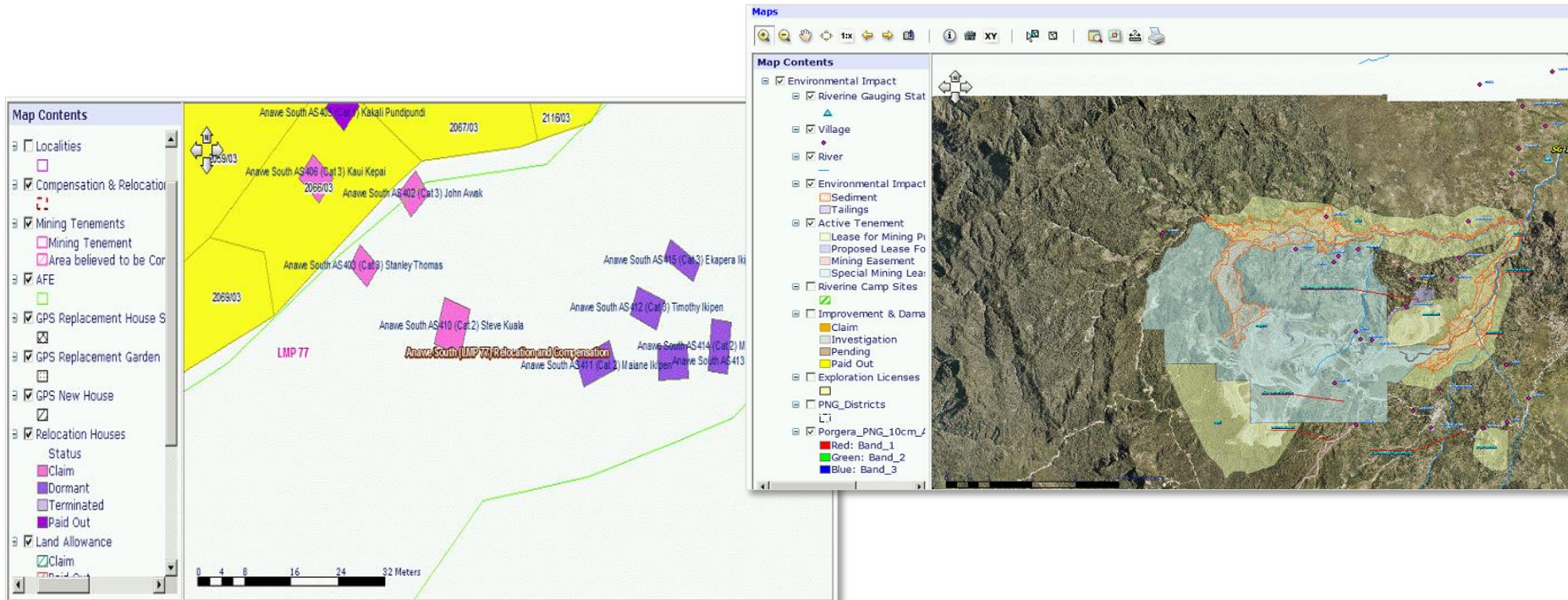
Message

The validation shape overlaps 8 agreements:

Code	Name	Type	Sub Type	Status	Overlap	
PNG00677	Suyan Townsite (LMP 1) Compensation (Pakapu Sub Clan) (Child Agreement)	Compensation Agreement	Statutory	Formal Agreement	0.0215 Ha	remove highlight
600673	Suyan Townsite (LMP 1) Compensation (Tepon Sub Clan) (Child Agreement)	Compensation Agreement	Statutory	Formal Agreement	0.5226 Ha	highlight
600593	Suyan Townsite (LMP 1) Incentive Agreement	Compensation Agreement	Incentive	Formal Agreement	0.5442 Ha	highlight
67/06	Paripu Lari/Benson P	Compensation Agreement	Improvement	Paid Out	0.1801 Ha	highlight
68/06	Paripu Lari/Benson P	Compensation Agreement	Improvement	Paid Out	0.0300 Ha	highlight
28/90	Tom Puluku	Compensation Agreement	Improvement	Paid Out	0.0047 Ha	highlight
18/97	Samson Lare	Compensation Agreement	Improvement	Paid Out	0.0740 Ha	highlight
600017	Suyan Relocation and Compensation	Compensation Agreement	Statutory	Formal Agreement	0.5442 Ha	highlight

Hemos tenido éxito en la gestión de los aspectos espaciales de la indemnización?

- Infraestructura de mapas Flexible permitiendo multiplas interfaces de mapas
- Cada uno focado en distintos tipos de compensacion



Hemos tenido éxito en la gestión de los aspectos espaciales de la indemnización?

Verdadero!

Beneficios del Sistema

- Los pagos ahora se hacen a tiempo, de acuerdo con las fechas de vencimiento establecidas en los contratos
 - Los pagos efectuados a las personas correctas
 - Todos los aspectos del proceso de pago registrados con formularios apropiados y las fotos correspondientes - la evidencia / prueba
- Menos disputas relacionadas a pagos con los propietarios

Beneficios del Sistema

- Todos pagos calculados pelo sistema
 - Más rápido y sin errores
- Formularios estándar y informes para todos los pagos
 - Generados directamente desde el sistema; generación de masiva

→ Grande ahorro de tiempo para los usuarios

Beneficios del Sistema

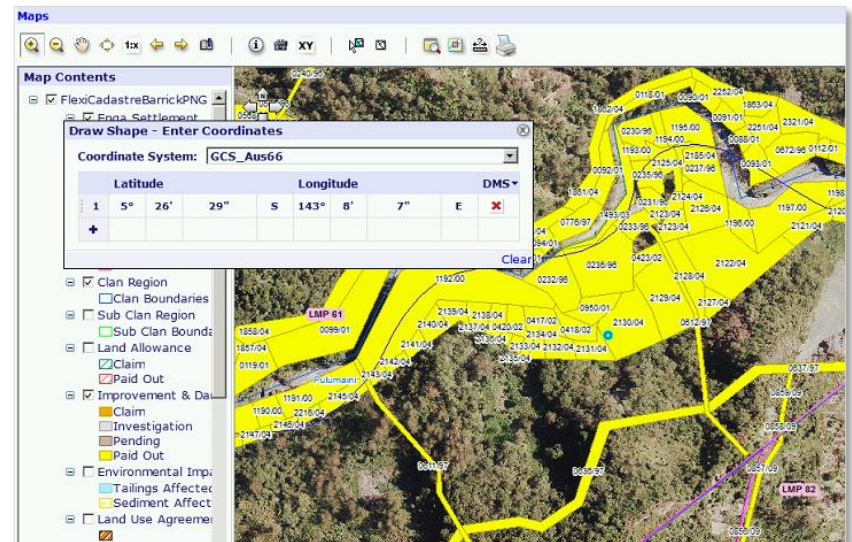
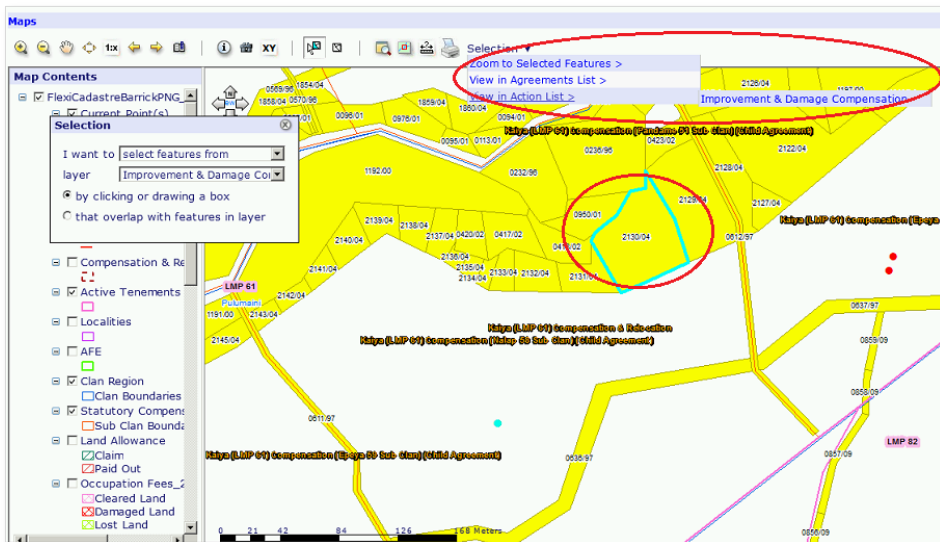
- Fácil de llevar un registro de los pagos - Pago restante, efectivo devuelto, absolución
- Reportes de pago para la contabilidad y la gerencia
- Registro de auditoría completo

→ Departamento de Contabilidad y Auditores Felices

→ Responsabilidad y transparencia

Beneficios del Sistema

- Los datos espaciales integrados con datos de negocio - actualización dinámica
- El equipo de propiedades puede hacer consultas espaciales ellos mismos (por ejemplo, tiene este GPS Punto sido compensados?) - Anteriormente tenían que pedir usuario GIS



Beneficios del Sistema

- Todos los datos históricos cargados en el sistema
- Todos los documentos relacionados en el sistema
- Fotos en el sistema
- Los datos espaciales en el sistema

→ Toda la información se almacena en un solo sitio

Beneficios del Sistema

- Fácil de Buscar y encontrar informaciones
 - Reportes avanzados y herramientas de extracción de datos
- Datos accesibles a todos los niveles de usuarios
– desde los usuarios diarios hasta los niveles de gerencia (cada uno con sus debidas autorizaciones)

La Palabra de Barrick

- Diapositiva tomada de la presentación del representante de Barrick en 2012 durante Conferencia de Usuarios

Lessons Learned



■ **Has it Been Worthwhile? - Yes**

- Annual occupation fees took all Land Dept staff approx 5 months – now one month
- Loading all legacy data abolished many days in the file room where there may or may not have been documents
- Users now have tools commensurate with education levels – retention of staff
- Audits: Latest 'cash' audit gave the Flexi system a good result

Otros Proyectos de Compensación

- African Barrick Gold
 - Go-live en Octubre 2012 para la gestión de quejas, Compensación y Reasentamiento gestión
- Sistema construido genéricamente para que los procesos, workflows e informes se pueden rodar a otras minas

Otros Proyectos de Compensación

- Varias otras propuestas que están en estudio con Barrick Gold y otras empresas
- El objetivo de desarrollar este aspecto de nuestro producto en más jurisdicciones

Preguntas?

