GLRChain — Whitepaper Summary (MLNR Gift)

Project: GLRChain — Ghana Land & Resource Chain

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Vision: To secure, digitize, and future-proof Ghana's lands and natural resources using a permissioned blockchain (Hyperledger Besu) with privacy and smart contract features.

Key Components:
 - Immutable NFT land titles (ERC-721)
 - Tokenized resource licenses (ERC-1155)
 - Royalty distribution smart contracts
 - IPFS off-chain documents
 - KMS/HSM integration for key management

Pilot Plan: 6 months in Greater Accra & Ashanti. Deliverables: demo network, mobile verifier, public registry.